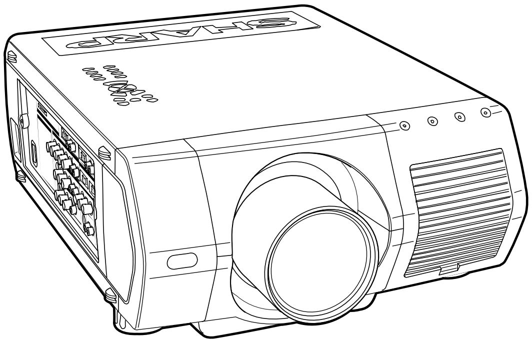
SHARP SERVICE MANUAL

S80F8XG-V10WU



LCD PROJECTOR

XG-V10WU
AN-SD1U
AN-S422U

MODEL

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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SHARP CORPORATION

This document has been published to be used for
after sales service only.
The contents are subject to change without notice.

Specifications

Product type	LCD Projector
Model	XG-V10WU
Video system	PAL/PAL 60/PAL-M/PAL-N 60/SECAM/NTSC 3.58/NTSC 4.43 DTV 480P/720P/DTV 1080I
Display method	LCD panel × 3, RGB optical shutter method
LCD panel	Panel size: 1.8" (28.7 [H] × 35.8 [W] mm) Display method: Translucent TN liquid crystal panel Drive method: TFT (Thin Film Transistor) Active Matrix panel No. of dots: 1,310,720 dots (1,280 [H] × 1,024 [V])
Projection lamp	200 W UHP lamp × 2
Contrast ratio	400:1
Video input signal	BNC Connector: VIDEO (INPUT 4, 5), composite video, 1.0 Vp-p, sync negative, 75 Ω terminated RCA Connector: AUDIO (INPUT 4, 5), 0.5 Vrms more than 22 kΩ (stereo)
S-video input signal	4-pin Mini DIN connector (INPUT 4, 5) Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): Burst 0.286 Vp-p, 75 Ω terminated
Component input signal	BNC Connector (INPUT 2, 4, 5) 15-pin mini D-sub connector (INPUT 1) Y: 1.0 Vp-p, sync negative, 75 Ω terminated P_B: 0.7 Vp-p, 75 Ω terminated P_R: 0.7 Vp-p, 75 Ω terminated
Horizontal resolution	620 TV lines (video input), 720 TV lines (DTV 720P input, Dot by Dot)
RGB input signal	15-pin mini D-sub connector (INPUT 1), 5 BNC connector (INPUT 2): RGB separate/composite sync/sync on green type analog input: 0–0.7 Vp-p, positive, 75 Ω terminated DVI connector (29-pin) (INPUT 3), RGB (DIGITAL), 250–1,000 mV, 50 Ω Horizontal sync. signal: TTL level (positive/negative) or composite sync (Apple only) Vertical sync. signal: Same as above
Pixel clock	12–230 MHz
Vertical frequency	43–200 Hz
Horizontal frequency	15–126 kHz
Computer control signal	9-pin D-sub connector (RS-232C Input Port/Output Port)
Speaker system	$1\frac{31}{32}$" × $3\frac{5}{32}$" (5 × 8 cm) oval × 2, 3 W + 3 W (stereo)
Rated voltage	AC 110–120/220–240 V
Input current	6.2 A/3.1 A
Rated frequency	50/60 Hz
Power consumption	575 W
Power dissipation	< 2,100 BTU/hour
Operating temperature	41°F to 104°F (+5°C to +40°C)
Storage temperature	–4°F to 140°F (–20°C to +60°C)
Cabinet	Plastic
I/R carrier frequency	38 kHz
Laser pointer of remote control	Wave length: 650 nm / Max. output: 1 mW / Class II Laser Product
Dimensions (approx.)	$17\frac{31}{64}$" (W) × $7\frac{23}{32}$" (H) × $24\frac{29}{64}$" (D) (444.2 × 196.2 × 621.3 mm) (main body only) $20\frac{55}{64}$" (W) × $8\frac{23}{32}$" (H) × $25\frac{5}{16}$" (D) (530.1 × 221.9 × 643.2 mm) (including standard lens, terminal cover, adjustment feet and projecting parts)
Weight (approx.)	41.7 lbs. (18.9 kg) (main body only)
Supplied accessories	Remote control, Two AA size batteries, Power cord (11'10", 3.6m), RGB cable (9' 10", 3m), PS/2 mouse control cable (3' 3", 1 m), USB mouse control cable (3' 3", 1 m), Remote mouse receiver, Extra air filter, CD-ROM, LCD projector operation manual, LCD projector quick reference, Sharp Advanced Presentation Software operation manual
Replacement parts	Lamp unit (Lamp/cage module) (BQC-XGV10WU/1), Remote control (RRMCG1564CESA), AA size batteries, Power cord (QACCU5013CEZZ), RGB cable (QCNW-5304CEZZ), PS/2 mouse control cable (QCNW-5113CEZZ), USB mouse control cable (QCNW-5680CEZZ), Remote mouse receiver (RUNTK0673CEZZ), Air filter (PFILD0110CEZZ), CD-ROM (UDSKA0020CEN1), LCD projector operation manual (TINS-6974CEZZ), LCD projector quick reference (TINS-6980CEZZ), Sharp Advanced Presentation Software operation manual (TINS-6992CEZZ), Terminal Cover (CCOVA1789CE01)

This SHARP projector uses LCD (Liquid Crystal Display) panels. These very sophisticated panels contain 1,310,720 pixels (× RGB) TFTs (Thin Film Transistors). As with any high technology electronic equipment such as large screen TVs, video systems and video cameras, there are certain acceptable tolerances that the equipment must conform to.

This unit has some inactive TFTs within acceptable tolerances which may result in illuminated or inactive dots on the picture screen. This will not affect the picture quality or the life expectancy of the unit.
If you have any questions about this matter, please call toll free 1-888-GO-SHARP (1-888-467-4277). U.S.A. ONLY

Specifications are subject to change without notice.

IMPORTANT SERVICE SAFETY NOTES

■ **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines as follows:**

WARNING

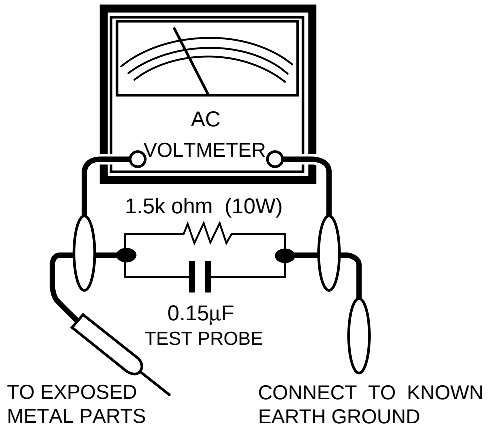
1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

BEFORE RETURNING THE PROJECTOR: (Fire & Shock Hazard)

Before returning the projector to the user, perform the following safety checks:

1. Inspect lead wires are not pinched between the chassis and other metal parts of the projector.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for current leakage in the following manner:

- Plug the AC cord directly into a 120-volt AC outlet, (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in parallel between all exposed metal cabinet parts and earth ground.
- Use an AC voltmeter with sensitivity of 5000 ohm per volt., or higher, sensitivity to measure the AC voltage drop across the resistor (See Diagram).
- All checks must be repeated with the AC plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these checks.)
  Any reading of 0.3 volts RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the unit to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD Projector have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts Lists and Schematic Diagrams. For continued protection, replacement parts must be identical to those used in the original circuit. The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

WARNING: The bimetallic component has the primary conductive side exposed. Be very careful in handling this component when the power is on.

AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les projecteur à LCD présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue.
Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque "⚠" et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques. Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies ou autres accidents.

AVERTISSEMENT: La composante bimétallique dispose du conducteur primaire dénudé. Faire attention lors de la manipulation de cette composante sous tension.

NOTE TO SERVICE PERSONNEL

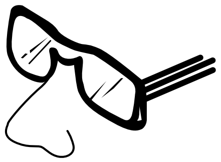
UV-RADIATION PRECAUTION

The light source, UHP lamp, in the LCD projector emits small amounts of UV-Radiation.

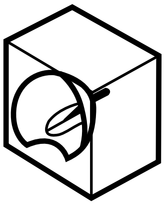
AVOID DIRECT EYE AND SKIN EXPOSURE.

To ensure safety please adhere to the following:

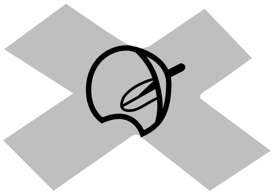
1. Be sure to wear sun-glasses when servicing the projector with the lamp turned “on” and the top enclosure removed.



2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0064DE01/02 or BQC-XGV10WU/1 rated 100V/200W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

NOTE POUR LE PERSONNEL D’ENTRETIEN

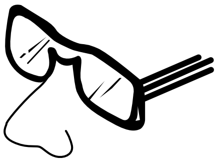
PRECAUTION POUR LES RADIATIONS UV

La source de lumière, la lampe UHP, dans le projecteur LCD émet de petites quantités de radiation UV.

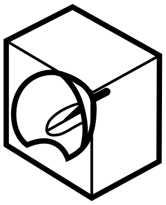
EVITEZ TOUTE EXPOSITION DIRECTE DES YEUX ET DE LA PEAU.

Pour votre sécurité, nous vous prions de respecter les points suivants:

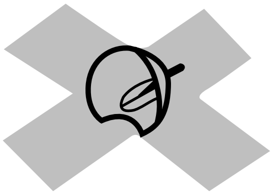
1. Toujours porter des lunettes de soleil lors d’un entretien du projecteur avec la lampe allumée et le haut du coffret retiré.



2. Ne pas faire fonctionner la lampe à l’extérieur du boîtier de lampe.



3. Ne pas faire fonctionner plus de 2 heures avec le coffret retiré.



Précautions pour les radiations UV et la lampe moyenne pression

1. Toujours débrancher la fiche AC lors du remplacement de la lampe.
2. Laisser l’unité refroidir pendant une heure avant de procéder à l’entretien.
3. Ne remplacer qu’avec une lampe du même type. Type CLMPF0064DE01/02 or BQC-XGV10WU/1, caractéristique 100V/200W.
4. La lampe émet de petites quantités de radiation UV-éviter tout contact direct avec les yeux.
5. La lampe moyenne pression implique un risque d’explosion. Toujours suivre les instructions d’installation décrites ci-dessous et manipuler la lampe avec soin.

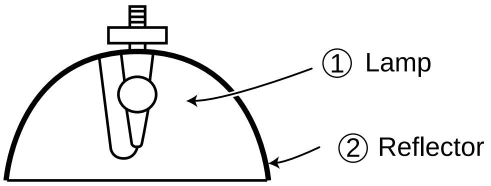
UV-RADIATION PRECAUTION (Continued)

■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.) Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ②.

[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-radiation are emitted from an opening between the exhaust fans, it is recommended to place the cap of the optional lens on the opening during servicing to avoid eye and skin exposure (Fig. 1).

Note: Please obtain a lens cap before servicing a model XG-V10WU that is received without one.

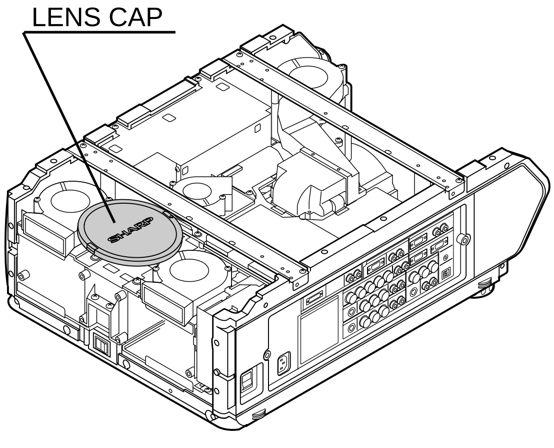


Figure 1.

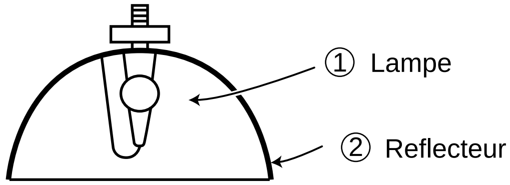
PRECAUTION POUR LES RADIATIONS UV (Suite)

■ Remplacement de la lampe

Remarque:

Comme la lampe devient très chaude pendant le fonctionnement de l'unité, son remplacement ne doit être effectué au moins une heure après avoir coupé l'alimentation (pour permettre à la lampe de refroidir). En installant la nouvelle lampe, s'assurer de ne pas toucher la lampe (ampoule). Remplacer la lampe en tenant son réflecteur ②.

[N'utiliser qu'un remplacement d'origine.]



DANGER ! — Ne jamais mettre sous tension sans la lampe pour éviter un choc électrique ou des dommages des appareils car le stabilisateur génère de hautes tensions à sa mise en route.

Comme de petites quantités de radiation UV sont émises par une ouverture entre les ventilateurs aspirants, il est recommandé de placer le capuchon de l'optique optionnelle sur l'ouverture pendant l'entretien pour éviter une exposition des yeux et la peau (Fig. 1).

Remarque: Priére de se procurer un capuchon d'optique acant d'entretien un modéle XG-V10WU qui est livré sans.

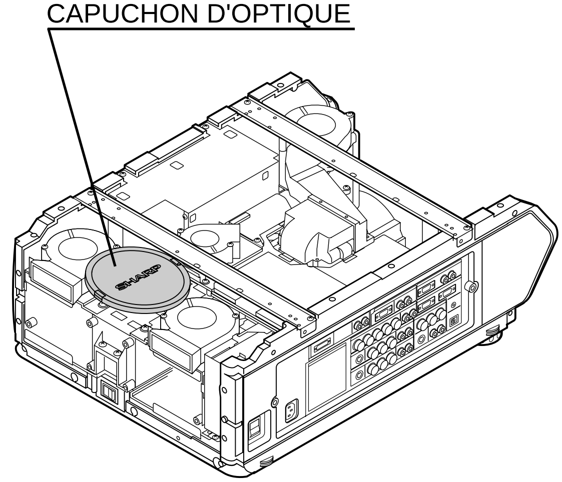
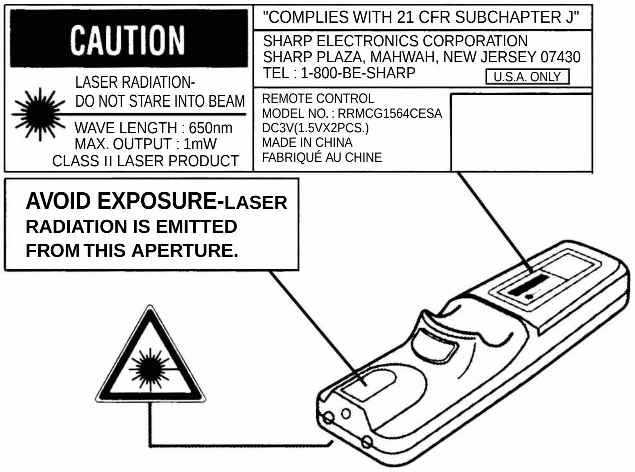
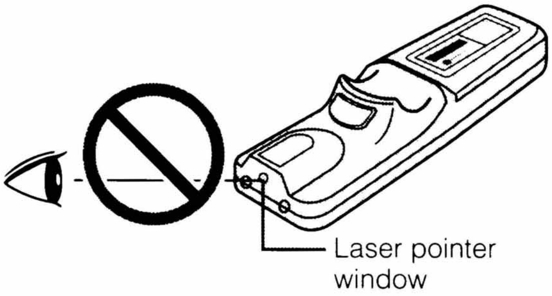


Figure 1.

Cautions Concerning the Laser Pointer

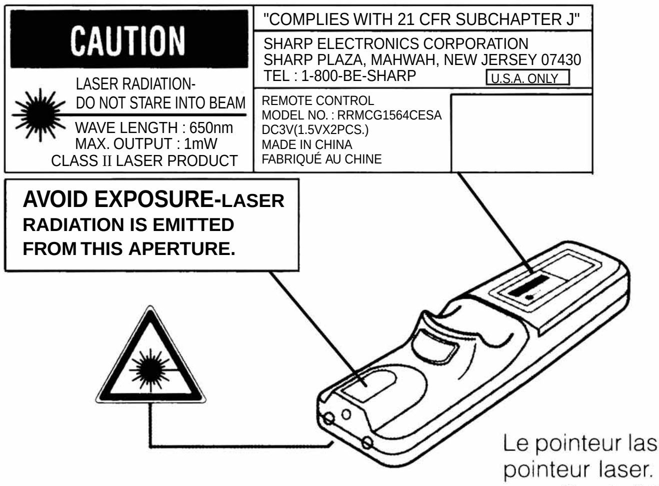

CAUTION
LASER RADIATION-
DO NOT STARE INTO BEAM
WAVE LENGTH : 650nm
MAX. OUTPUT : 1mW
CLASS II LASER PRODUCT
"COMPLIES WITH 21 CFR SUBCHAPTER J"
SHARP ELECTRONICS CORPORATION
SHARP PLAZA, MAHWAH, NEW JERSEY 07430
TEL : 1-800-BE-SHARP
U.S.A. ONLY
REMOTE CONTROL
MODEL NO. : RRMCG1564CESA
DC3V(1.5VX2PCS.)
MADE IN CHINA
FABRIQUÉ AU CHINE
AVOID EXPOSURE-LASER
RADIATION IS EMITTED
FROM THIS APERTURE.


Laser pointer
window

The laser pointer on the remote control emits a laser beam from the laser pointer window. This is a Class II laser which may impair your sight if directed into the eyes. The three marks shown on the left are caution labels for the laser beam.

- Do not look into the laser pointer window or shine the laser beam on yourself or others. (The laser beam used in this product is harmless when directed onto the skin. However, be careful not to project the beam directly into the eyes.)
- Always use the laser pointer at temperatures between 41°F and 104°F (+5°C and +40°C).
- Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Précautions Liées au pointeur laser


CAUTION
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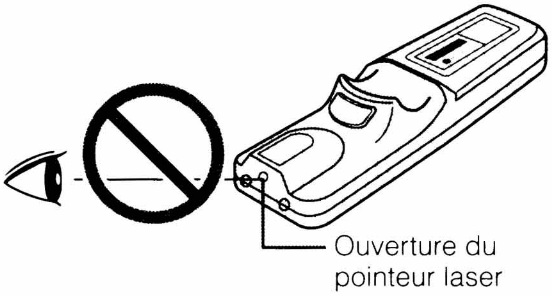
AVOID EXPOSURE-LASER
RADIATION IS EMITTED
FROM THIS APERTURE.


Ouverture du
pointeur laser

Le pointeur laser de la télécommande émet un rayon laser par l'ouverture du pointeur laser. Il s'agit d'un laser de Classe II qui risque de diminuer votre vue s'il est dirigé dans vos yeux. Les trois marques à gauche représentent des étiquettes de précaution pour le rayon laser.

- Ne regardez pas directement dans l'ouverture du pointeur laser et ne la dirigez pas vers vous-même ou d'autres personnes. (Le faisceau laser de cet appareil est inoffensif s'il est projeté directement sur la peau; toutefois, veillez à ne pas le projeter directement dans les yeux.)
- Utilisez toujours le pointeur laser à une température comprise entre 41°F et 104°F (entre +5°C et +40°C).
- L'utilisation de commandes, de réglages ou l'exécution de procédures différentes de celles mentionnées dans ce guide peuvent entraîner une exposition dangereuse à des radiations.

WARNING: High brightness light source, do not stare into the beam of light, or view directly. Be especially careful that children do not stare directly in to the beam of light.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO MOISTURE OR WET LOCATIONS.

CAUTION

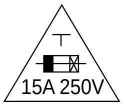
RISK OF ELECTRIC SHOCK.
DO NOT REMOVE SCREWS
EXCEPT SPECIFIED USER
SERVICE SCREW

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE CABINET.
NO USER-SERVICEABLE PARTS EXCEPT LAMP UNIT.
REFER SERVICING TO QUALIFIED SERVICE
PERSONNEL.

The lighting flash with arrowhead within a triangle is intended to tell the user that parts inside the product are risk of electric shock to persons.

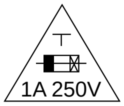
The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the manual with the projector.

CAUTION
(INLET Unit)



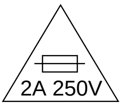
For continued protection against a risk of fire, replace only with same type 15A 250V fuse.
(F1701)

CAUTION
(INLET Unit)



For continued protection against a risk of fire, replace only with same type 1A 250V fuse.
(F1702)

CAUTION
(POWER Unit)



For continued protection against a risk of fire, replace only with same type P100A, ANZEN DENGU, 2A, 250V 103°C fuse.(TF701)

AVERTISSEMENT: Source lumineuse de grande intensité. Ne pas fixer le faisceau lumineux ou le regarder directement. Veiller particulièrement à éviter que les enfants ne fixent directement le faisceau lumineux.

AVERTISSEMENT: AFIN D’EVITER TOUT RISQUE D’INCENDIE OU D’ELECTROCUTION, NE PAS PLACER CET APPAREIL DANS UN ENDROIT HUMIDE OU MOUILLE.

ATTENTION

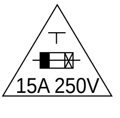
RISQUE
D’ELECTROCUTION NE
PASRETIRER LES VIS, A
L’EXCEPTION DES VIS DE
REPARATION UTILISATEUR
SPECIFIEES

ATTENTION: POUR EVITER TOUT RISQUE
D’ELECTROCUTION, NE PAS RETIRER LE CAPOT.
AUCUNE DES PIECES INTERIEURES N’EST REPARABLE
PAR L’UTILISATEUR, A L’EXCEPTION DE L’UNITE DE
LAMPE. POUR TOUTE REPARATION, S’ADRESSER A UN
TECHNICIEN D’ENTRETIEN QUALIFIE.

L’éclair terminé d’une flèche à l’intérieur d’un triangle indique à l’utilisateur que les pi‘eces se trouvant dans l’appareil sont susceptibles de provoquer une décharge électrique.

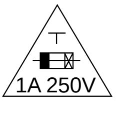
Le point d’exclamation à l’intérieur d’un triangle indique à l’utilisateur que les instructions de fonctionnement et d’entretien sont détaillées dans les documents fournis avec le projecteur.

PRECAUTION
(Unite d’admission)



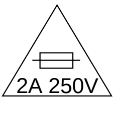
Pour une protection continue contre les risques d’incendie, ne remplacer qu’avec un fusible 15A 250V du même type.
(F1701)

PRECAUTION
(Unite d’admission)



Pour une protection continue contre les risques d’incendie, ne remplacer qu’avec un fusible 1A 250V du même type.
(F1702)

PRECAUTION
(Unité de PUTSSANCE)

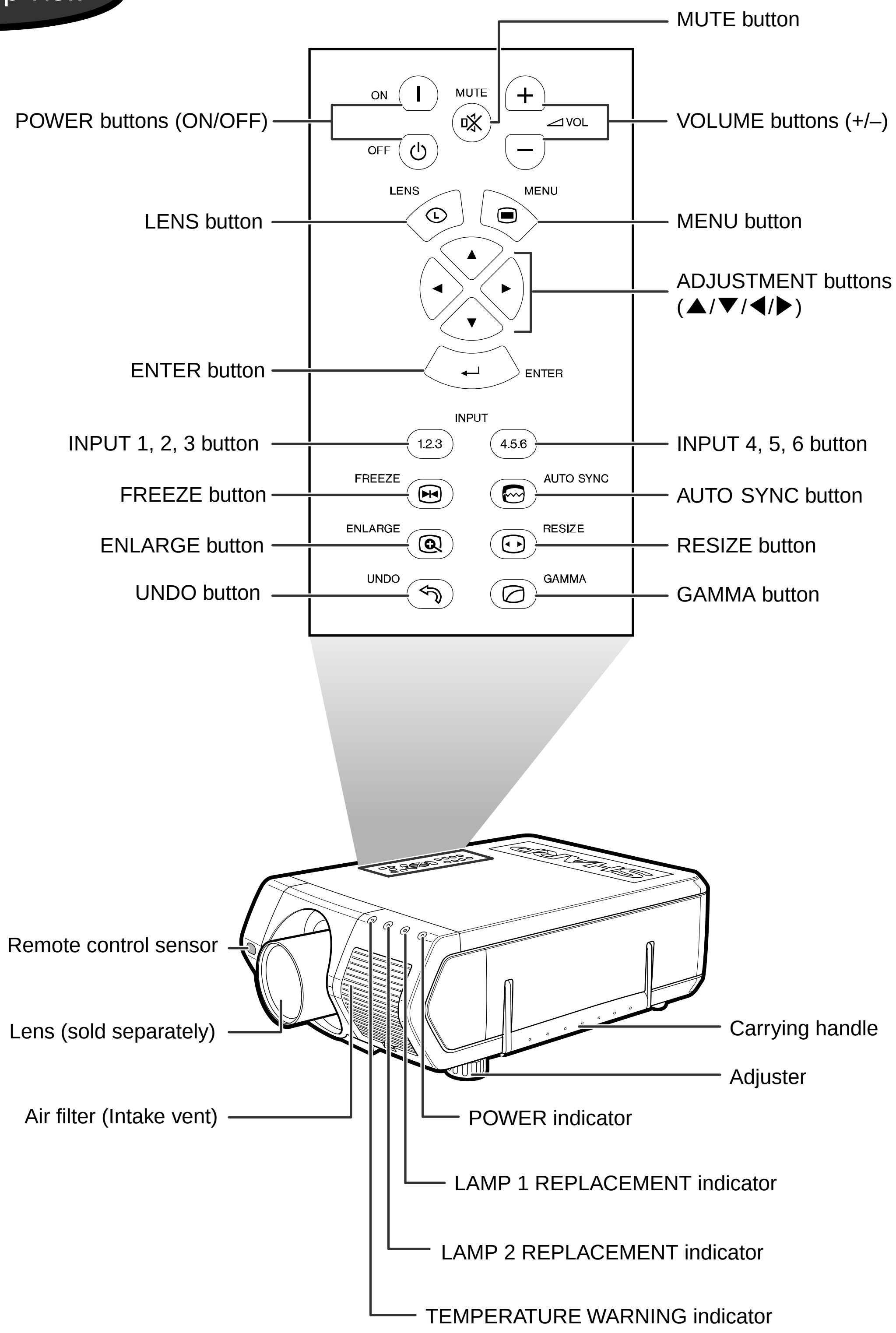


Pour une protection continue contre un risques d’incendie, ne remplacer qu’avec un fusible P100A, ANZEN DENGU 2A 250V, 103°C du même type.
(TF701)

Location of Controls

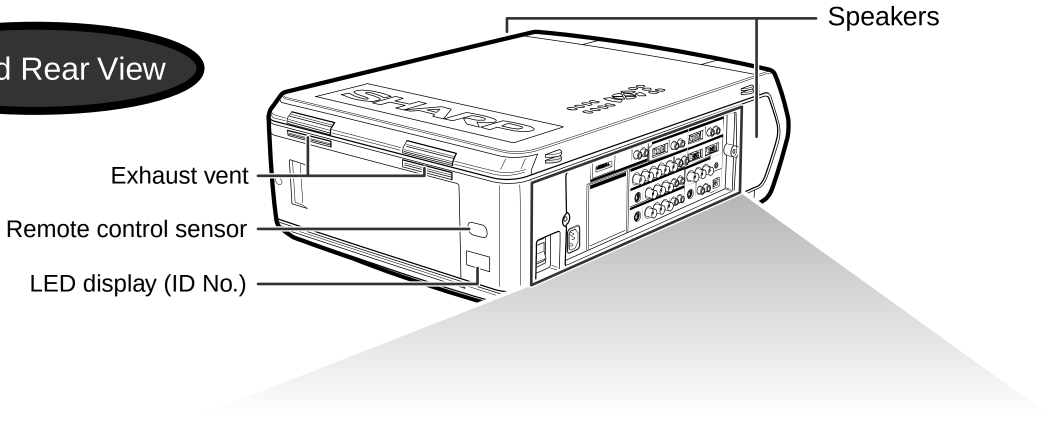
Projector

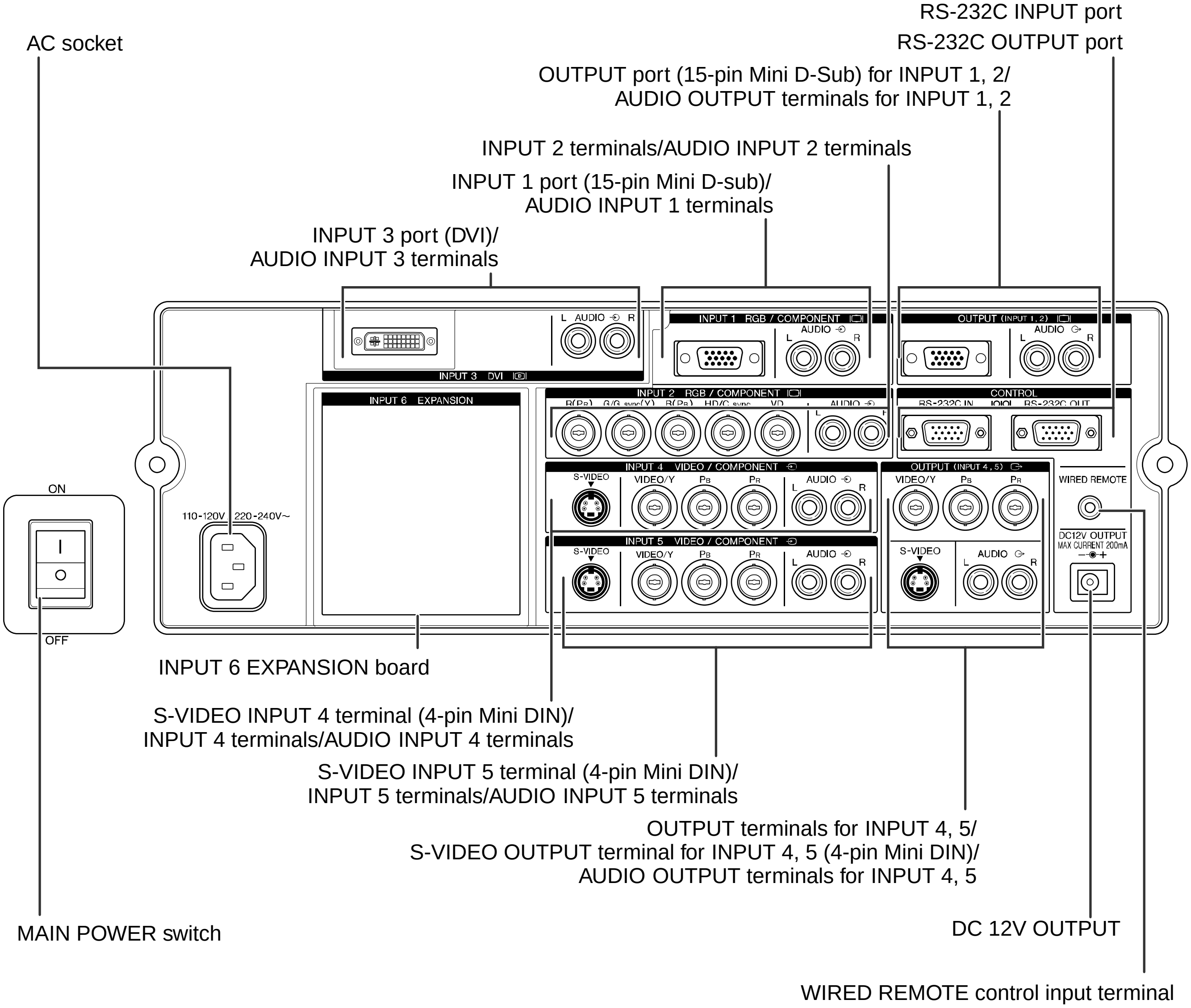
Front and Top View


MUTE button
POWER buttons (ON/OFF)
VOLUME buttons (+/–)
ON
MUTE
VOL
OFF
LENS
MENU
LENS button
MENU button
ADJUSTMENT buttons (▲/▼/◀/▶)
ENTER button
ENTER
INPUT
INPUT 1, 2, 3 button
1.2.3
4.5.6
INPUT 4, 5, 6 button
FREEZE
AUTO SYNC
FREEZE button
AUTO SYNC button
ENLARGE
RESIZE
ENLARGE button
RESIZE button
UNDO
GAMMA
UNDO button
GAMMA button
Remote control sensor
Lens (sold separately)
Carrying handle
Adjuster
Air filter (Intake vent)
POWER indicator
LAMP 1 REPLACEMENT indicator
LAMP 2 REPLACEMENT indicator
TEMPERATURE WARNING indicator

Projector

Side and Rear View

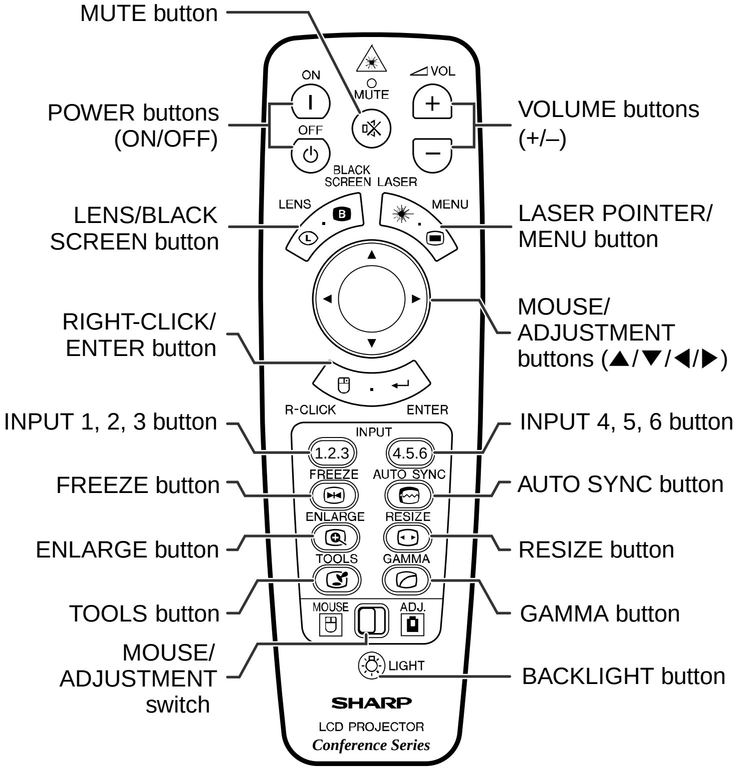

Speakers
Exhaust vent
Remote control sensor
LED display (ID No.)


RS-232C INPUT port
RS-232C OUTPUT port
AC socket
OUTPUT port (15-pin Mini D-Sub) for INPUT 1, 2/
AUDIO OUTPUT terminals for INPUT 1, 2
INPUT 2 terminals/AUDIO INPUT 2 terminals
INPUT 1 port (15-pin Mini D-sub)/
AUDIO INPUT 1 terminals
INPUT 3 port (DVI)/
AUDIO INPUT 3 terminals
INPUT 3 DVI
INPUT 1 RGB / COMPONENT
OUTPUT (INPUT 1, 2)
INPUT 2 RGB / COMPONENT
CONTROL
INPUT 6 EXPANSION
INPUT 4 VIDEO / COMPONENT
INPUT 5 VIDEO / COMPONENT
OUTPUT (INPUT 4, 5)
S-VIDEO
VIDEO/Y
PB
PR
AUDIO
L
R
WIRED REMOTE
DC12V OUTPUT
MAX CURRENT 200mA
ON
OFF
110-120V
220-240V~
INPUT 6 EXPANSION board
S-VIDEO INPUT 4 terminal (4-pin Mini DIN)/
INPUT 4 terminals/AUDIO INPUT 4 terminals
S-VIDEO INPUT 5 terminal (4-pin Mini DIN)/
INPUT 5 terminals/AUDIO INPUT 5 terminals
OUTPUT terminals for INPUT 4, 5/
S-VIDEO OUTPUT terminal for INPUT 4, 5 (4-pin Mini DIN)/
AUDIO OUTPUT terminals for INPUT 4, 5
MAIN POWER switch
DC 12V OUTPUT
WIRED REMOTE control input terminal

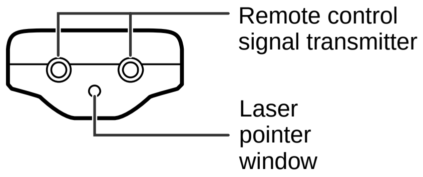
Operating the Wireless Mouse Remote Control

Remote Control

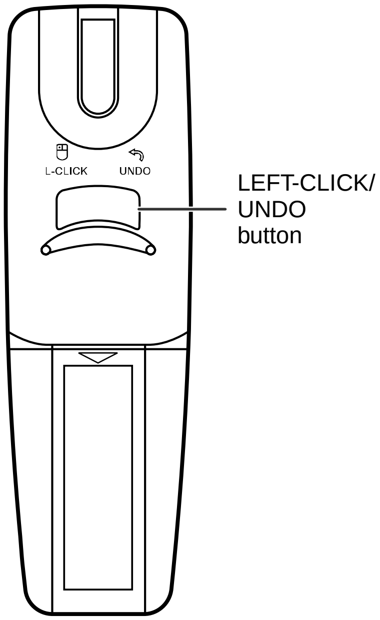
Front View


MUTE button
POWER buttons (ON/OFF)
LENS/BLACK SCREEN button
RIGHT-CLICK/ ENTER button
INPUT 1, 2, 3 button
FREEZE button
ENLARGE button
TOOLS button
MOUSE/ ADJUSTMENT switch
VOLUME buttons (+/–)
LASER POINTER/ MENU button
MOUSE/ ADJUSTMENT buttons (▲/▼/◀/▶)
INPUT 4, 5, 6 button
AUTO SYNC button
RESIZE button
GAMMA button
BACKLIGHT button
ON
OFF
MUTE
VOL
BLACK SCREEN
LASER
LENS
MENU
R-CLICK
ENTER
INPUT
1.2.3
4.5.6
FREEZE
AUTO SYNC
ENLARGE
RESIZE
TOOLS
GAMMA
MOUSE
ADJ.
LIGHT
SHARP
LCD PROJECTOR
Conference Series

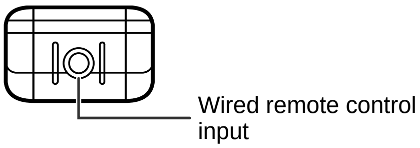
Top View


Remote control signal transmitter
Laser pointer window

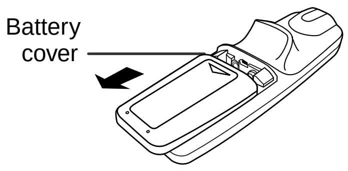
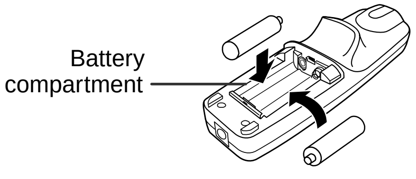
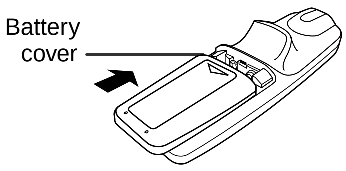
Rear View

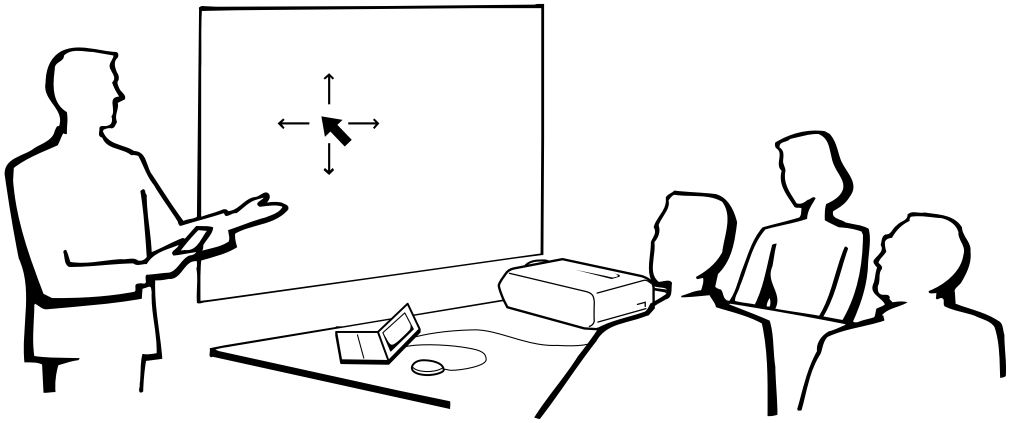

L-CLICK
UNDO
LEFT-CLICK/ UNDO button

Bottom View


Wired remote control input

Inserting the batteries

1 **Press in on the arrow mark and slide in the direction of the arrow to remove the battery cover.**	**2** **Insert two AA size batteries, making sure the polarities match the + and – marks inside the battery compartment.**	**3** **Insert the side tabs of the battery cover into the slots and press the cover in until it is properly seated.**
 Battery cover	 Battery compartment	 Battery cover

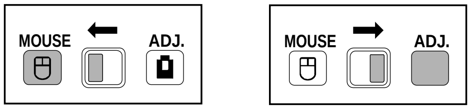


Using the Remote Control as a Wireless Mouse

The remote control has the following three functions:

- Projector control
- Wireless mouse
- Laser pointer

MOUSE/ADJUSTMENT switch
(Remote control)


MOUSE
ADJ.
MOUSE
ADJ.

Wireless mouse/ Laser pointer

Projector contr

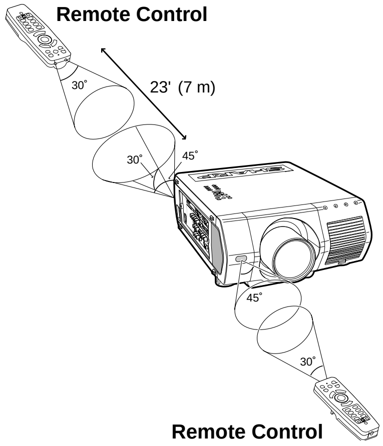
Remote Control/Mouse Receiver Positioning

- The remote control can be used to control the projector within the ranges shown below.
- The remote mouse receiver can be used with the remote control to control the mouse functions of a connected computer within the ranges shown below.

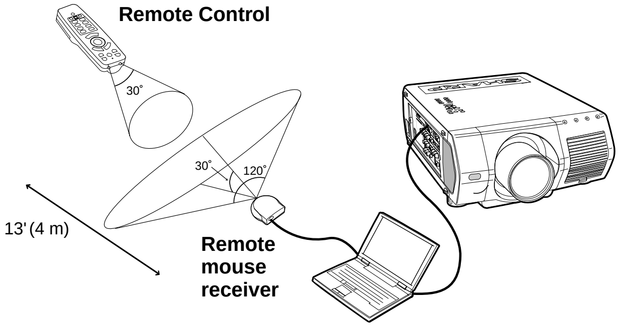
NOTE

- The signal from the remote control can be reflected off a screen for easy operation. However, the effective distance signal may differ due to the screen material.

Controling the Projector


Remote Control
23' (7 m)
30˚
30˚
45˚
45˚
30˚
Remote Control

Using the Wireless Mouse

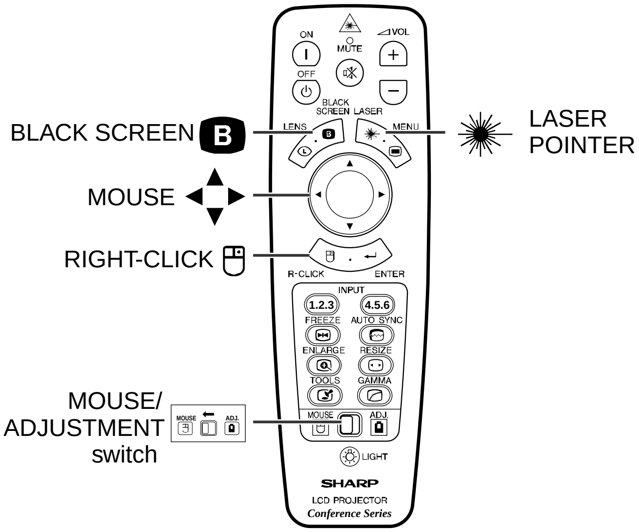

Remote Control
30˚
30˚
120˚
13' (4 m)
Remote mouse receiver

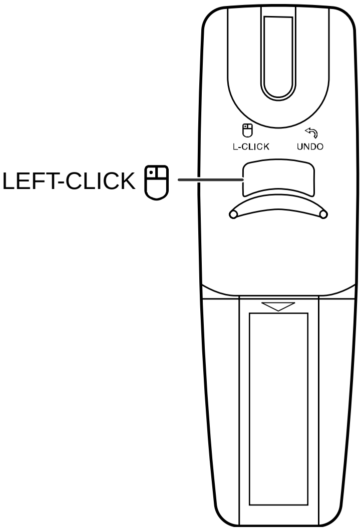
Use as a Wireless Mouse

Be sure the supplied remote mouse receiver is connected to your computer.

Slide the **MOUSE/ADJUSTMENT** switch to MOUSE.

MOUSE mode buttons


BLACK SCREEN
B
LASER POINTER
MOUSE
RIGHT-CLICK
MOUSE/ ADJUSTMENT switch
ON
MUTE
VOL
OFF
BLACK SCREEN
LASER
LENS
MENU
R-CLICK
ENTER
INPUT
1.2.3
4.5.6
FREEZE
AUTO SYNC
ENLARGE
RESIZE
TOOLS
GAMMA
MOUSE
ADJ.
LIGHT
SHARP
LCD PROJECTOR
Conference Series


LEFT-CLICK
L-CLICK
UNDO

NOTE

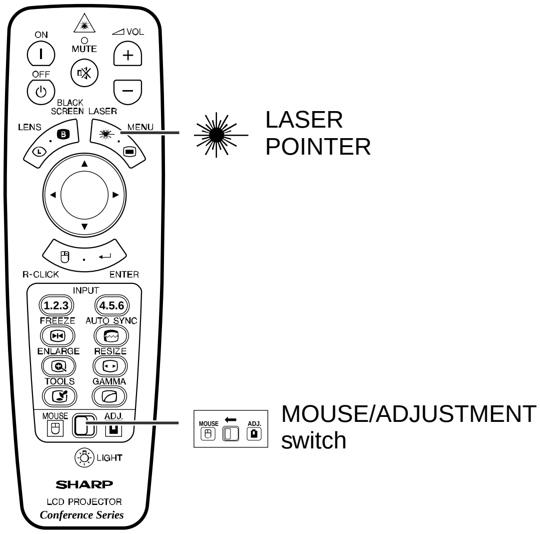
- For one-button mouse systems, use either the **LEFT-CLICK** or **RIGHT-CLICK** button.
- Press **BACKLIGHT** to turn on the backlights of the operation buttons for about five seconds.

Button name	**Position of MOUSE/ADJUSTMENT switch**	
	MOUSE ⟵	⟶ *ADJ.*
LASER POINTER/MENU	LASER POINTER (GREEN)	MENU (RED)
BLACK SCREEN/LENS	BLACK SCREEN (GREEN)	LENS (RED)
RIGHT-CLICK/ENTER	RIGHT-CLICK (GREEN)	ENTER (RED)
MOUSE/ADJUSTMENT	MOUSE (NOT LIT)	ADJUSTMENT (NOT LIT)
LEFT-CLICK/UNDO	ON (NOT LIT)	UNDO (NOT LIT)
POWER ON/OFF	ON (RED)	
VOLUME +/–		
MUTE		

Button name	**Position of MOUSE/ADJUSTMENT switch**
	MOUSE ⟷ *ADJ.*
INPUT 1, 2, 3	ON (RED)
INPUT 4, 5, 6	
FREEZE	
AUTO SYNC	
ENLARGE	
RESIZE	
TOOLS	
GAMMA	

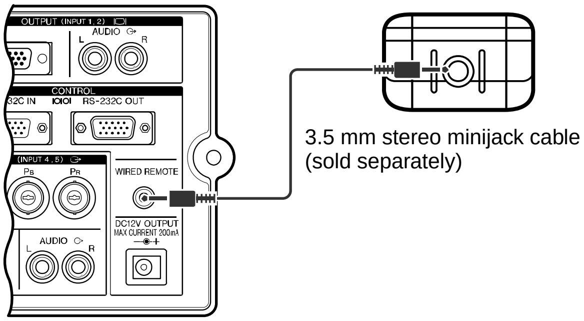
Use as a Laser Pointer

Slide the **MOUSE/ADJUSTMENT** switch to MOUSE, and press **LASER POINTER (✳)** to activate the laser pointer.


ON
MUTE
VOL
OFF
BLACK SCREEN
LASER
LENS
MENU
R-CLICK
ENTER
INPUT
1.2.3
4.5.6
FREEZE
AUTO SYNC
ENLARGE
RESIZE
TOOLS
GAMMA
MOUSE
ADJ.
LIGHT
SHARP
LCD PROJECTOR
Conference Series
LASER POINTER
MOUSE/ADJUSTMENT switch

NOTE

- When the button is released, the light automatically goes off.
- For safety reasons, the laser pointer automatically goes off after 1 minute of continuous use. To turn it on, release **LASER POINTER** (✳) and press again.


OUTPUT (INPUT 1, 2)
AUDIO
L
R
CONTROL
232C IN
RS-232C OUT
(INPUT 4, 5)
PB
PR
WIRED REMOTE
AUDIO
L
R
DC12V OUTPUT
MAX CURRENT 200mA
3.5 mm stereo minijack cable (sold separately)

Wired Remote Control

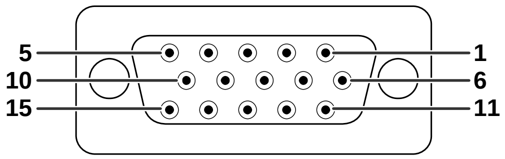
When the remote control cannot be used due to the range or positioning of the projector (rear projection, etc.), connect a 3.5 mm stereo minijack cable (sold separately) from the wired remote control input on the bottom of the remote control to the WIRED REMOTE control input terminal on the side of the projector.

NOTE

- The laser pointer and wireless mouse functions can still be operated wthe wired remote control.

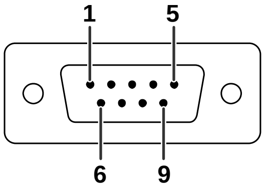
Connection Pin Assignments

INPUT 1 RGB and OUTPUT (INPUT 1, 2) Signal Input Ports: 15-pin mini D-sub female connector



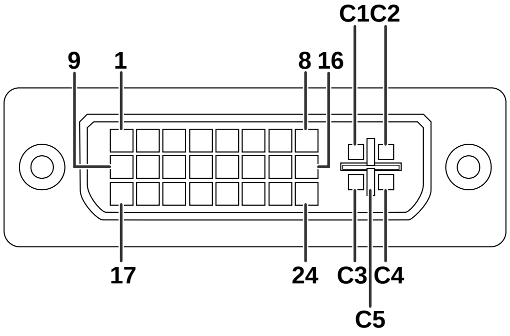
RGB Input
Analog
1. Video input (red)
2. Video input (green/sync on green)
3. Video input (blue)
4. Reserve input 1
5. Composite sync
6. Earth (red)
7. Earth (green/sync on green)
8. Earth (blue)
9. Not connected
10. GND
11. GND
12. Bi-directional data
13. Horizontal sync signal
14. Vertical sync signal
15. Data clock

RS-232C Port: 9-pin D-sub male connector of the DIN-D-sub RS-232C cable



Pin No.	Signal	Name	I/O	Reference
1	CD			Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	ER			Not connected
5	SG	Signal Ground		Connected to internal circuit
6	DR	Data Set Ready	Output	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS	Clear to Send	Input	Connected to internal circuit
9	CI			Not connected

DVI Port: 29-pin



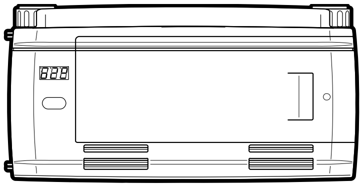
Pin No.	Name
1	T.M.D.S. Data 2–
2	T.M.D.S. Data 2+
3	T.M.D.S. Data 2/4 Shield
4	T.M.D.S. Data 4–*3
5	T.M.D.S. Data 4+*3
6	DDC Clock
7	DDC Data
8	Analog Vertical Sync
9	T.M.D.S. Data 1–
10	T.M.D.S. Data 1+
11	T.M.D.S. Data 1/3 Shield
12	T.M.D.S. Data 3–*3
13	T.M.D.S. Data 3+*3
14	+5 V Power
15	Ground*1
16	Hot Plug Detect
17	T.M.D.S. Data 0–
18	T.M.D.S. Data 0–
19	T.M.D.S. Data 0/5 Shield
20	T.M.D.S. Data 5–*3
21	T.M.D.S. Data 5+*3
22	T.M.D.S.Clock Shield
23	T.M.D.S. Clock+
24	T.M.D.S. Clock–
C1	Analog Red
C2	Analog Green
C3	Analog Blue
C4	Analog Horizontal sync
C5	Analog Ground*2

NOTE

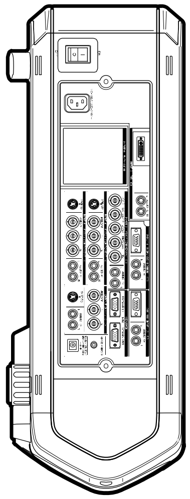
- *1 Return for +5 V, Hsync. and Vsync.
- *2 Analog R G and B return
- *3 These pins are not used on this equipment.

Dimensions

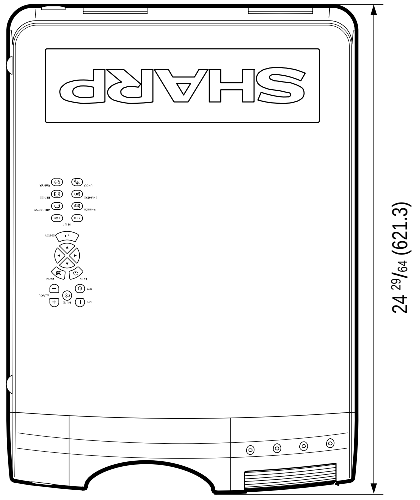
Rear View



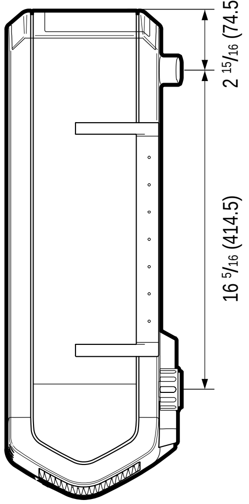
Side View



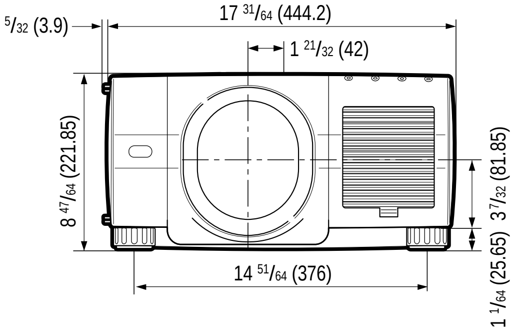
Top View


24 29/64 (621.3)

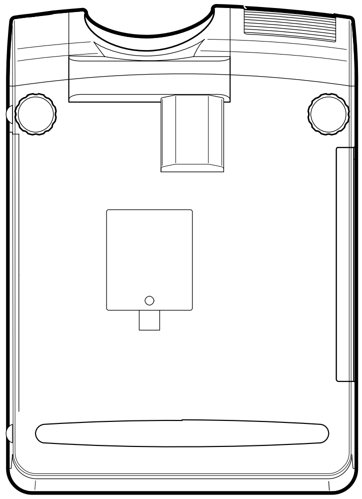
Side View


2 15/16 (74.5)
16 5/16 (414.5)

Front View


5/32 (3.9)
17 31/64 (444.2)
1 21/32 (42)
8 47/64 (221.85)
3 7/32 (81.85)
1 1/64 (25.65)
14 51/64 (376)

Bottom View

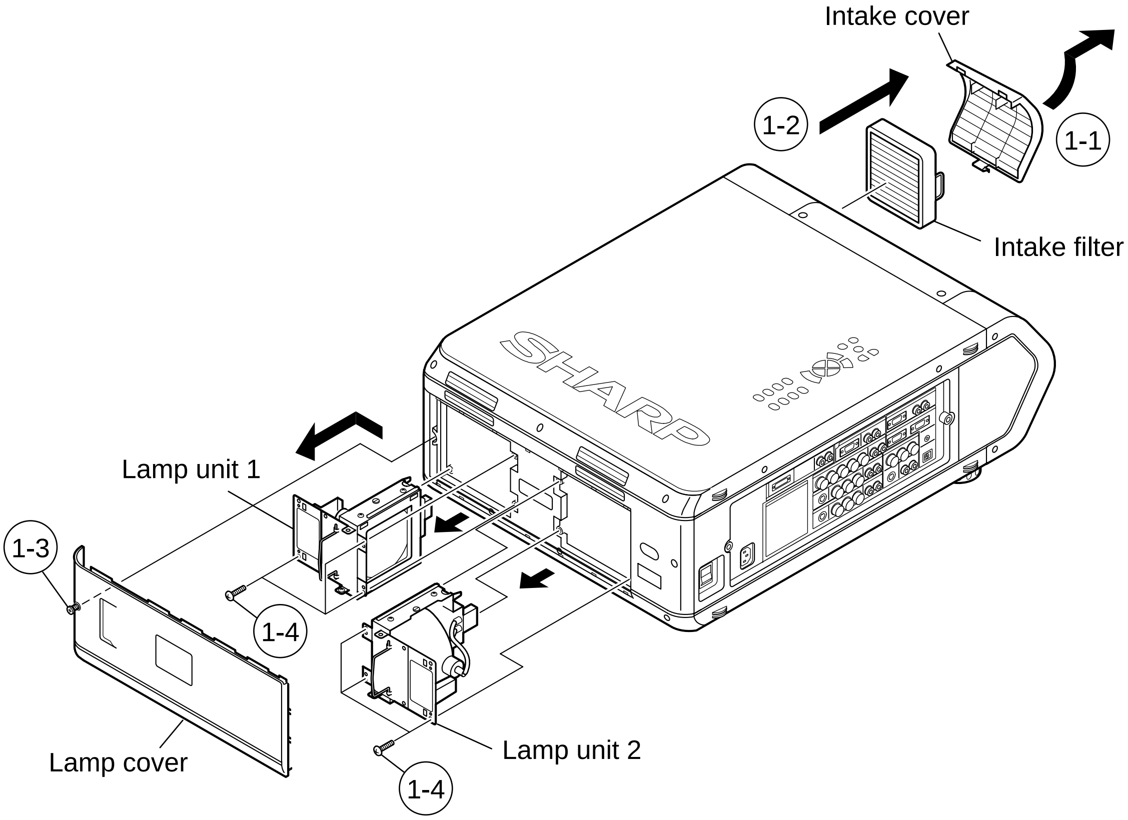


Units: inches (mm)

REMOVING OF MAJOR PARTS

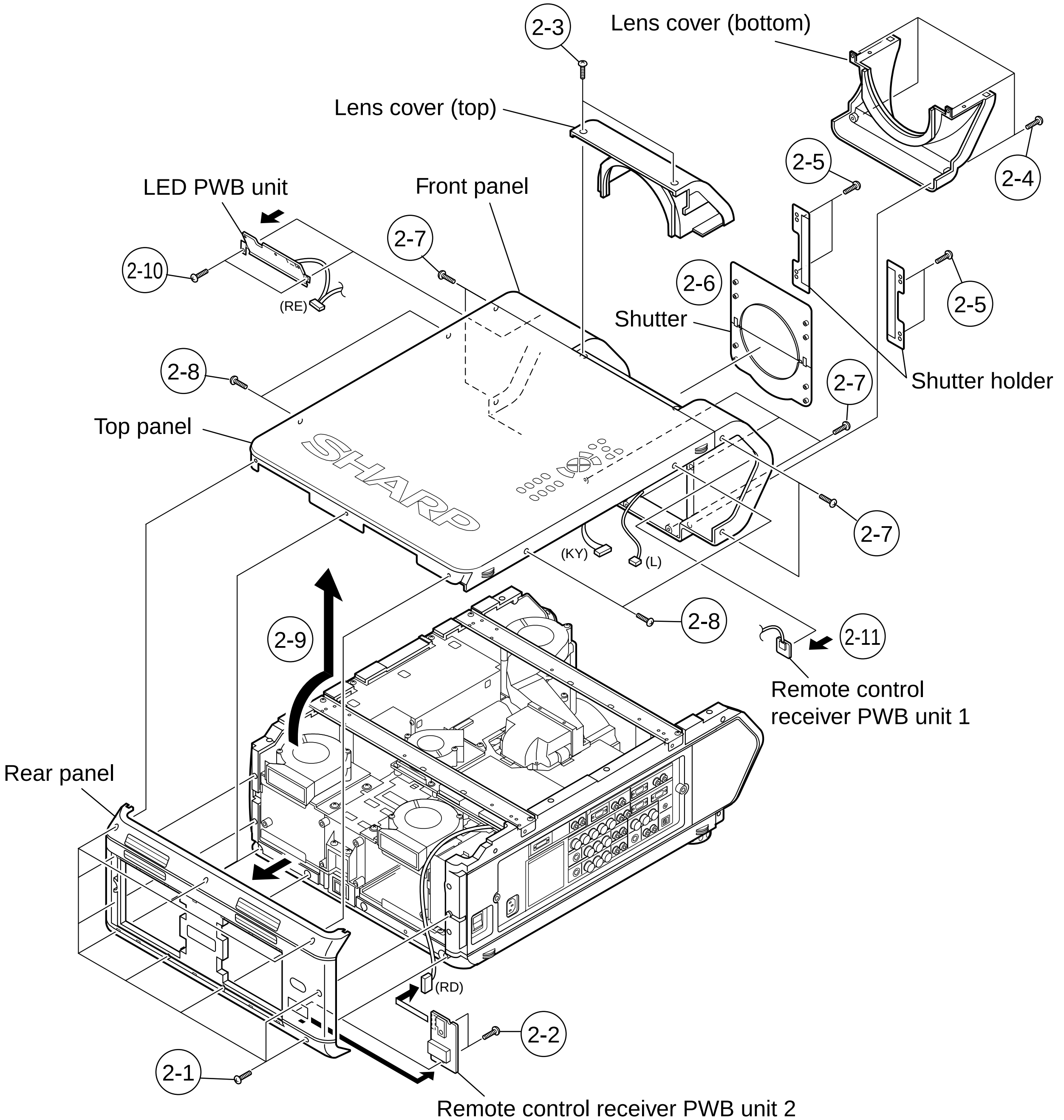
1. Removing the intake cover, intake filter and lamp unit.

1-1. Detach the intake cover.
1-2. Detach the intake filter.
1-3. Loosen the lock screw from the lamp cover and slide the lamp cover off position.
1-4. Remove the three lock screws each from the lamp units 1 and 2, and detach these units.


Intake cover
1-2
1-1
Intake filter
Lamp unit 1
1-3
1-4
Lamp cover
Lamp unit 2
1-4

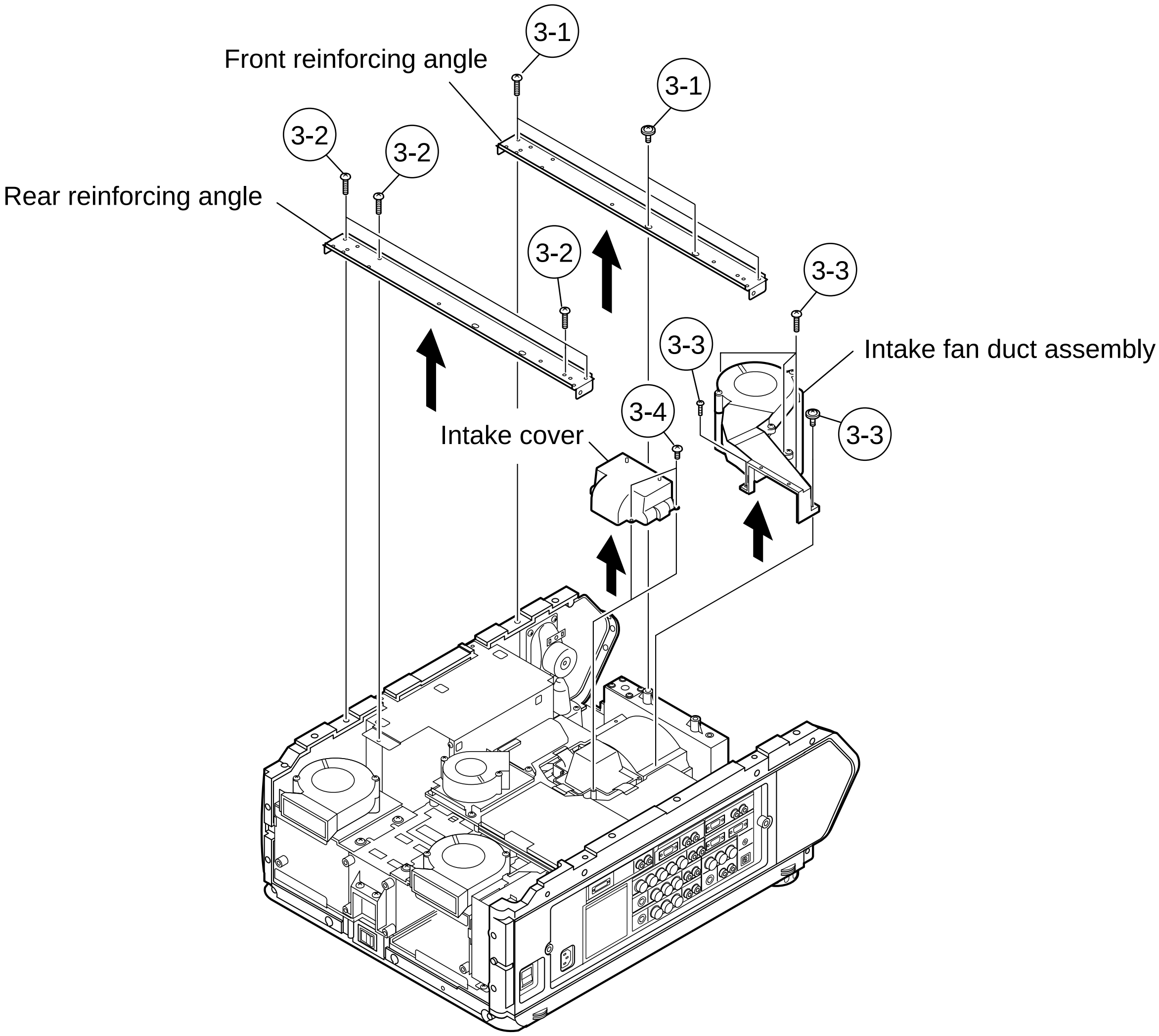
2. Removing the front, top and rear panels.

2-1. Remove the ten lock screws from the rear panel. Disconnect the connector (RD) of the remote control receiver PWB unit 2. Then detach the rear panel.
2-2. Remove the two lock screws from the remote control receiver PWB unit 2. Detach the remote control receiver PWB unit 2.
2-3. Remove the two lock screws from the lens cover (top) and detach the lens cover (top).
2-4. Remove the four lock screws from the lens cover (bottom) and detach the lens cover (bottom).
2-5. Remove the four lock screws from the shutter holder and detach the shutter holder.
2-6. Take out the shutter.
2-7. Remove the seven lock screws from the front panel.(Long size 2, Short size 5)
2-8. Remove the four lock screws from the top panel.
2-9. Slowly lift the back of the top panel. Disconnect the following connectors: connector (KY) of the operation unit, connector (L) of the leaf switch, and connector (RE) of the LED PWB unit and remote control receiver PWB unit 1. Lift and detach both the front and top panels.
2-10. Remove the two lock screws from the LED PWB unit. Detach the LED PWB unit.
2-11. Open the hooks of the remote control receiver PWB unit 1 and take out the remote control receiver PWB 1.


2-3
Lens cover (bottom)
Lens cover (top)
2-5
2-4
LED PWB unit
Front panel
2-7
2-10
(RE)
2-6
Shutter
2-5
2-8
2-7
Shutter holder
Top panel
SHARP
2-7
(KY)
(L)
2-8
2-11
2-9
Remote control receiver PWB unit 1
Rear panel
(RD)
2-2
2-1
Remote control receiver PWB unit 2

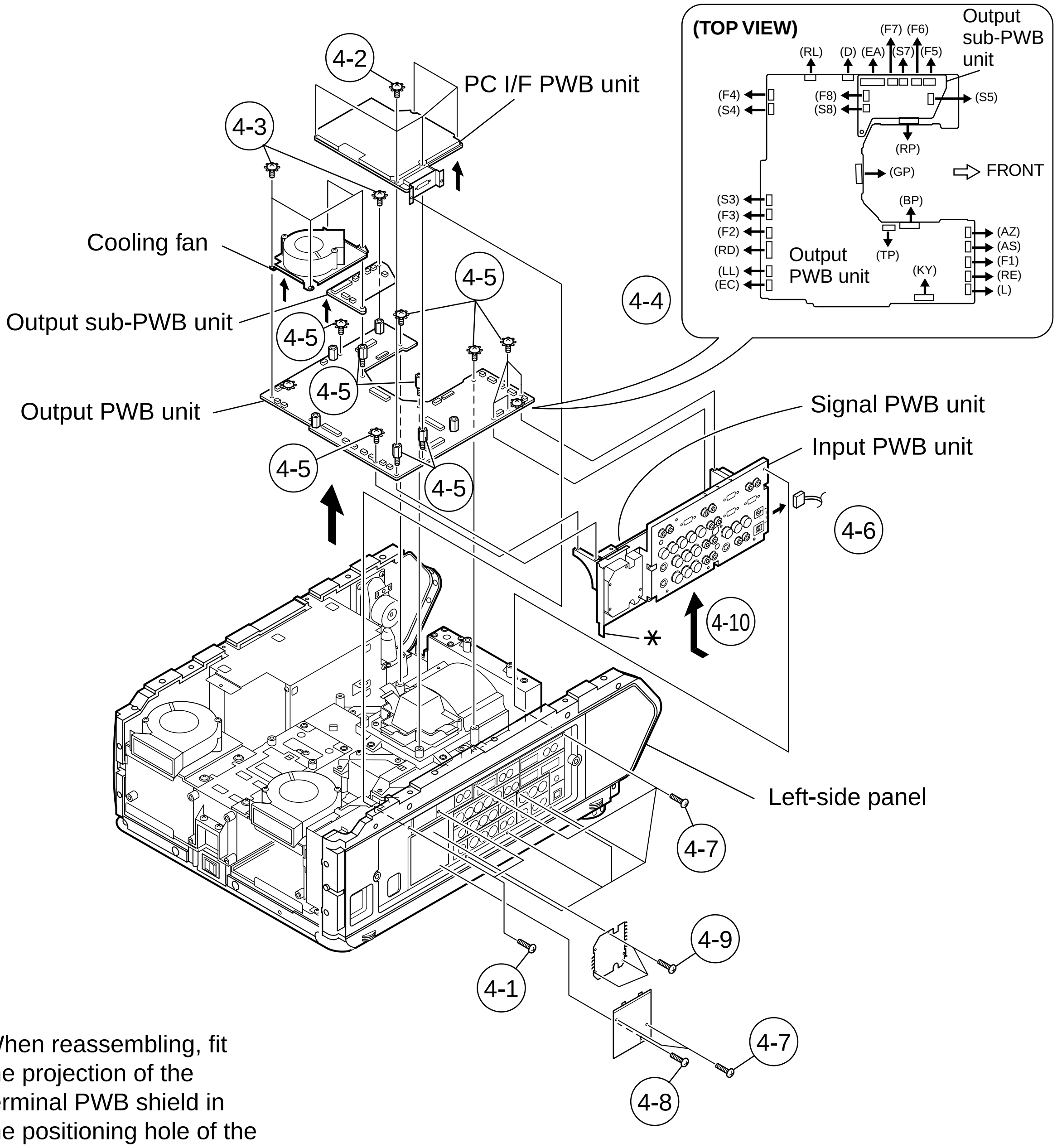
3. Removing the reinforcing angles and intake fan duct assembly.

3-1. Remove the four lock screws from the front reinforcing angle and detach this angle.
3-2. Remove the four lock screws from the rear reinforcing angle and detach this angle.
3-3. Remove the five lock screws from the intake fan duct assembly and detach this assembly.
3-4. Remove the two lock screws from the intake cover and detach this cover.


3-1
Front reinforcing angle
3-1
3-2
3-2
Rear reinforcing angle
3-2
3-3
3-3
Intake fan duct assembly
3-4
Intake cover
3-3

4. Removing the PWBs

4-1. Remove the two lock screws from the DVI connector.
4-2. Remove the five lock screws from the PC I/F PWB. Lift this PWB off the output PWB unit.
4-3. Remove the four lock screws from the cooling fan. Remove the lock screw from the output sub-PWB unit and disconnect the connectors. Lift the cooling fan and the output sub-PWB unit off the output PWB unit.
4-4. Disconnect the connectors from the output PWB unit.
4-5. Remove the four stud bolts and eight lock screws from the output PWB unit. Lift and detach the output PWB unit.
4-6. Disconnect the connector (SP) of the signal PWB unit.
4-7. Remove the eight lock screws from the side terminal board.
4-8. Remove the lock screw from the terminal cover and detach the terminal cover.
4-9. Remove the three lock screws from the grounding plate behind the terminal cover and detach the grounding plate.
4-10. Detach the terminal board from the left-side panel. Lift the input PWB unit and the signal PWB unit off position.


(TOP VIEW)
(RL)
(D)
(EA)
(F7)
(F6)
(S7)
(F5)
Output sub-PWB unit
(F4)
(S4)
(F8)
(S8)
(S5)
(RP)
(GP)
FRONT
(S3)
(F3)
(F2)
(RD)
(LL)
(EC)
(BP)
(TP)
(KY)
Output PWB unit
(AZ)
(AS)
(F1)
(RE)
(L)
4-2
PC I/F PWB unit
4-3
Cooling fan
Output sub-PWB unit
Output PWB unit
4-5
4-5
4-5
4-5
4-5
4-4
Signal PWB unit
Input PWB unit
4-6
4-10
*
Left-side panel
4-7
4-9
4-1
4-7
4-8

* **Note:** When reassembling, fit the projection of the terminal PWB shield in the positioning hole of the left-side panel.

5. Removing the power/ballast PWB unit assembly.

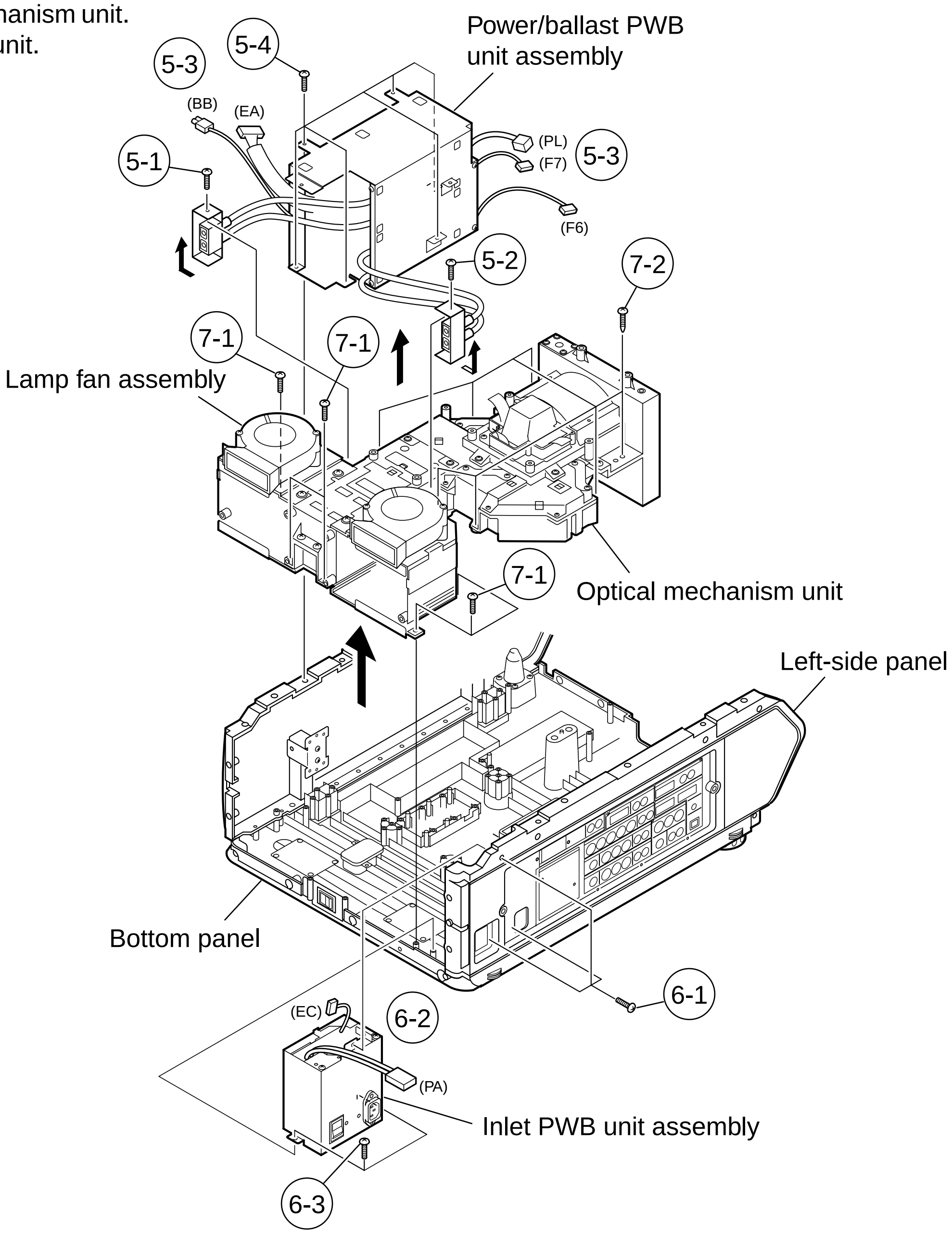
5-1. Remove the lock screw from the socket holder (with shorter lead) for the lamp unit 1. Slide sideway and detach the holder.
5-2. Remove the lock screw from the socket holder (with longer lead) for the lamp unit 2. Slide sideway and detach the holder.
5-3. Disconnect the connectors from the power/ballast PWB unit assembly.
5-4. Remove the six lock screws from the power/ballast PWB unit assembly. Lift and detach this assembly.

6. Removing the inlet PWB unit assembly.

6-1. Remove the three lock screws from the left-side panel at the inlet PWB unit assembly.
6-2. Disconnect the connectors from the inlet PWB unit assembly.
6-3. Remove the two lock screws from the bottom panel at the inlet PWB unit assembly. Lift and detach this assembly.

7. Removing the optical mechanism unit.

7-1. Remove the five lock screws from the lamp fan assembly.
7-2. Remove the seven lock screws from the optical mechanism unit. Lift and detach this unit.


5-3
5-4
Power/ballast PWB unit assembly
(BB)
(EA)
(PL)
(F7)
5-3
5-1
(F6)
5-2
7-2
7-1
7-1
Lamp fan assembly
7-1
Optical mechanism unit
Left-side panel
Bottom panel
6-1
(EC)
6-2
(PA)
Inlet PWB unit assembly
6-3

RESETTING THE TOTAL LAMP TIMER

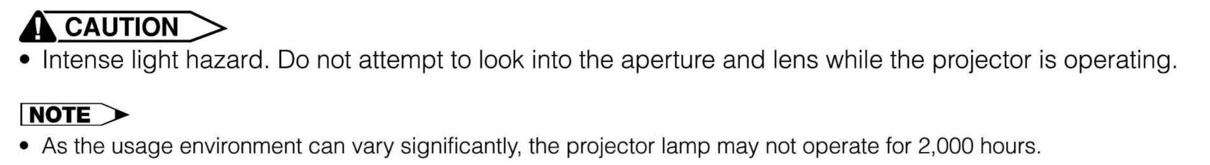
Resetting the counter

- Draw out the lamp to be replaced. Turn on the power and the absence of the lamp is detected. Now reset the total hour counter.

Resetting procedure

	Replacing one lamp	Replacing both lamps
1	Draw out the relevant lamp only.	Draw out both the lamps.
2	Turn on the main power.	
3	Press POWER button to LCD projector on.	
4	The LED indicator at the drawn-out lamp side starts flashing. Press the ENTER key to reset the counter. The LED indicator goes out.	
5	Turn off the main power. Fit a new lamp into position.	
	End	

- With just one of the lamps drawn out, the optical mechanism may get unstable in temperature. To avoid this, the projector comes in the reset mode.
- For two or more projectors, their counters cannot be reset at once using the remote controller. Press the ENTER key for resetting.
- In the process mode, the historical information is also reset.



CAUTION

- Intense light hazard. Do not attempt to look into the aperture and lens while the projector is operating.

NOTE

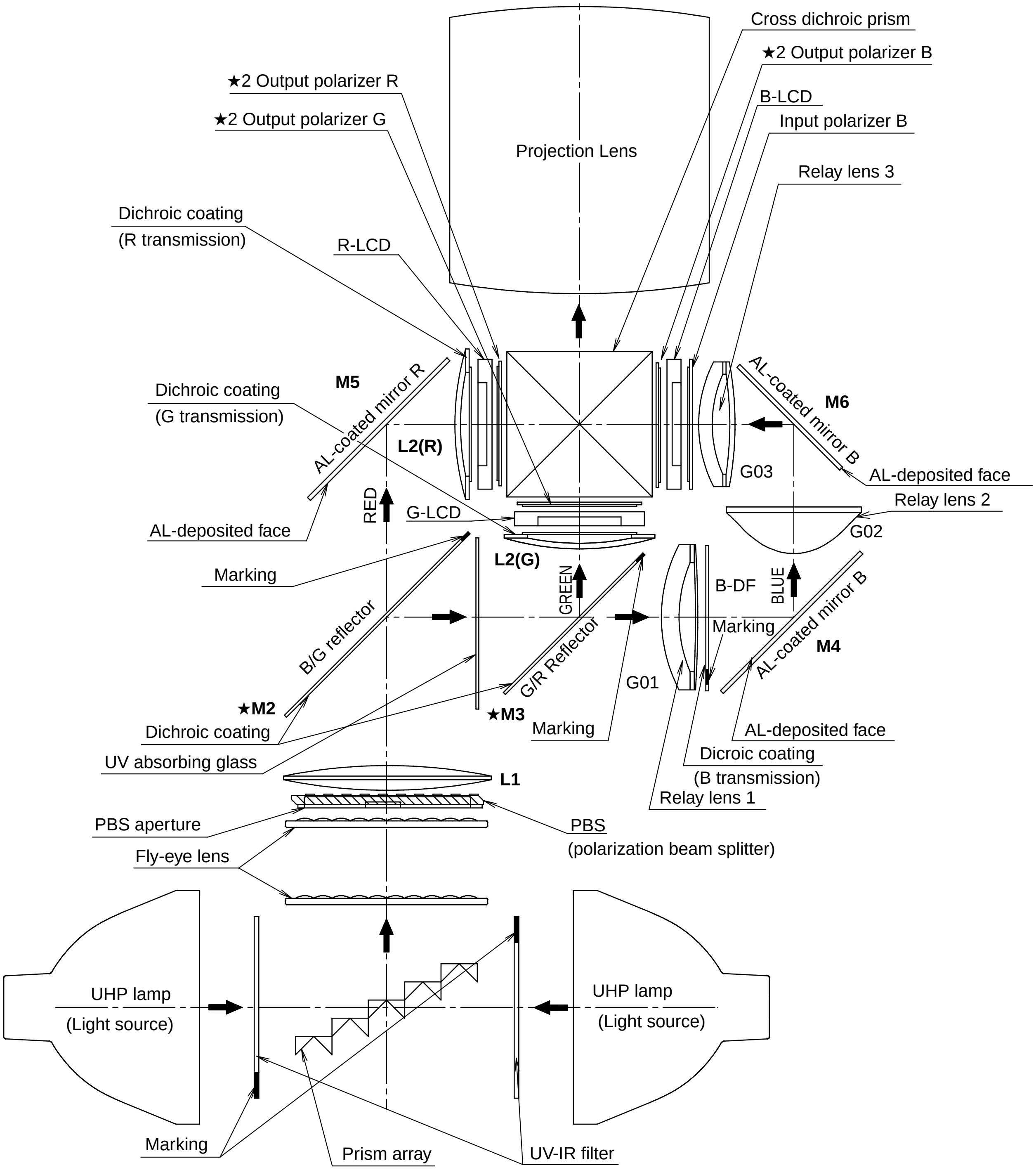
- As the usage environment can vary significantly, the projector lamp may not operate for 2,000 hours.

Maintenance Indicator	Condition	Problem	Possible Solution
TEMPERATURE WARNING indicator	The internal temperature is abnormally high.	· Blocked air intake.	· Relocate the projector to an area with proper ventilation.
		· Clogged air filter.	· Clean the filter.
		· Cooling fan breakdown. · Internal circuit failure.	· Take the projector to your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center for repair.
LAMP REPLACEMENT indicator (LAMP1, LAMP2)	The lamp does not light up.	· Burnt-out lamp. · Lamp circuit failure.	· Carefully replace the lamp. · Take the projector to your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center for repair.
POWER indicator	The POWER indicator flashes in red when the projector is on.	· The filter cover is open. · The lens cover is missing.	· Securely install the filter cover. · Remove the top lens cover (CCOVA1785CE01) off the front panel.

THE OPTICAL UNIT OUTLINE

Layout of the optical system

Note: Layout for positioning the optical system.


Cross dichroic prism
★2 Output polarizer B
★2 Output polarizer R
B-LCD
★2 Output polarizer G
Input polarizer B
Projection Lens
Relay lens 3
Dichroic coating
(R transmission)
R-LCD
M5
AL-coated mirror R
AL-coated mirror B
Dichroic coating
(G transmission)
M6
L2(R)
G03
AL-deposited face
RED
G-LCD
Relay lens 2
AL-deposited face
G02
Marking
L2(G)
GREEN
B-DF
BLUE
AL-coated mirror B
B/G reflector
Marking
M4
G/R Reflector
★M2
G01
Dichroic coating
★M3
Marking
AL-deposited face
Dicroic coating
(B transmission)
UV absorbing glass
L1
Relay lens 1
PBS aperture
PBS
(polarization beam splitter)
Fly-eye lens
UHP lamp
(Light source)
UHP lamp
(Light source)
Marking
Prism array
UV-IR filter

★ M2 and M3 mirrors have a coating wedge (for different film thickness). Set up these mirrors, with their markings positioned as shown above, so that their coated faces and both sides be in the correct directions.

★2 See the assemble-illustration for determing a direction of the output polarizer.

CONVERGENCE AND FOCUS ADJUSTMENT

- **Place the set in the ceiling-mounted position, open the maintenance door, and start the convergence and focus adjustments. Make sure the settings are complete and then turn on the power. For adjusting the image, use the remote controller. Take the following adjustment procedures.**

1. Focusing the projection lens

(A) Replacing all the 3 LCD panels

1. Before replacing all the 3 LCD panels, project an image on the screen and bring it into focus.
2. Replace the panels with new ones. But until the focus has been completely readjusted, be careful not to change the distance between the set and the screen, nor to move the projection lens focus and zoom rings.
   If the focus is readjusted with a different positional relation, the relation between the projection distance and the screen size is affected. In other words, a short-distance image (40 WIDE, for example) may get out of the focus range, or a long-distance image (300 WIDE, for example) may come out of focus.

(B) Replacing 1 or 2 of the 3 LCD panels

1. In adjusting the focus after replacement of one or two LCD panels, project an image on the screen and turn the projection lens focus ring to get the non-replaced LCD panel into focus.
2. But until the focus has been completely adjusted for the new LCD panels, be careful not to change the distance between the set and the screen, nor to move the projection lens focus and zoom rings.
   (If the distance has been changed or the projection lens readjusted, repeat the above steps 1 and 2.)

2. Adjusting the G-LCD panel

(A) Focus adjustment. (Make this adjustment on the white-only screen.)

1. Right-and-left focus adjustment (θY direction) .
   Loosen the lock screws "b" and "c" and insert the eccentric screwdriver into the notch and hole "b". Turn the screwdriver until the right and left halves on the screen get into focus.
   First get the right and left halves in balance. Then improve the accuracy while making the adjustment 2 below.
2. Top-center-bottom focus adjustment (θX and Z directions).
   Loosen the lock screws "a" and "c" and insert the eccentric screwdriver into the notch and hole "a" or "c". Turn the screwdriver until the top, center and bottom on the screen get into focus. In adjusting this top-to-bottom focus, temporarily tighten the lock screw "b" to fix the θY direction adjustment.
3. Repeat the above steps 1 and 2 to finely adjust the focus. Finally tighten up all the lock screws.

Notes :

① Carefully proceed with the focus adjustment because the adjusting directions are correlated.
② In adjusting the convergence and focus, do not move the projection lens zoom and focus rings until the end of all the adjustments.

(B) Convergence adjustment

- The G-LCD panel has no convergence adjustment mechanism. Use this panel as convergence adjustment reference.

3. B-LCD panel adjustment (the same for the R-LCD panel)

(A) Focus adjustment

- Take the same procedure as for the G-LCD panel focus adjustment. Note that the adjustment range is small in the Z direction. If the convergence is quite different between the B-LCD and G-LCD panels, roughly adjust the convergence first and then the focus.

(B) Convergence adjustment

- Use a crosshatch pattern signal for this adjustment.
  Make the adjustment just for the G-color and the relevant color.
  (1) Loosen the convergence lock screw "d".
  (2) With the G-LCD panel’s screen center as reference, adjust the B-LCD panel in the X, Y and θZ directions.
  (3) Finally tighten up the convergence lock screw "d".

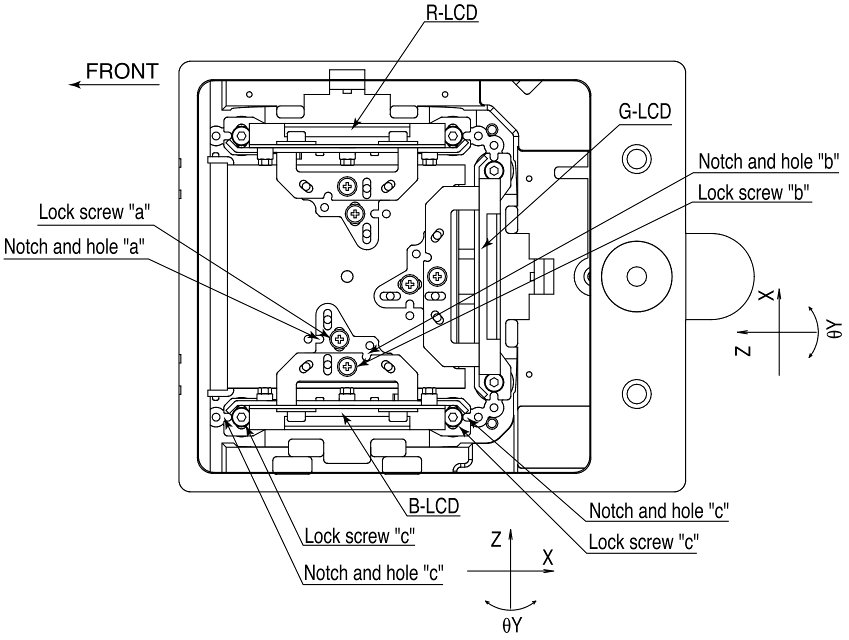
Notes :

① The eccentric cam is used for convergence adjustment. This means that the cam's turning and the linear movement are not always uniform.

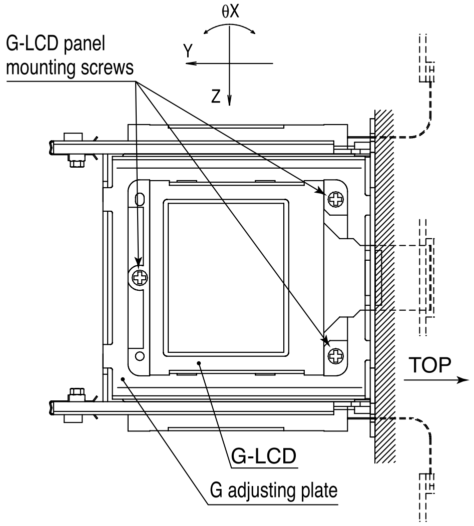
② This model is not equipped with the LCD image adjustment mechanism. This is because the dichroic prism is used for image formation. When the LCD panels all get into the best focus, the images are almost completely converged.

Convergence and Focus Adjustments Mechanism

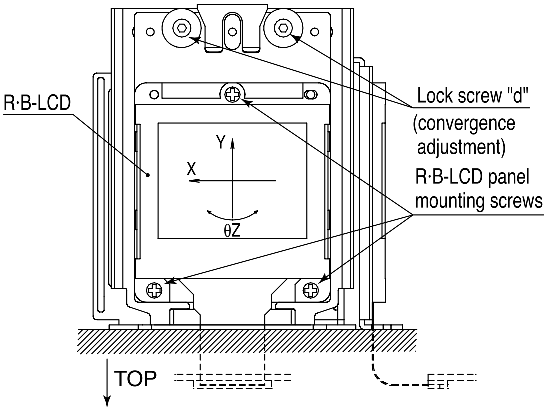
BOTTOM VIEW


R-LCD
FRONT
G-LCD
Notch and hole "b"
Lock screw "b"
Lock screw "a"
Notch and hole "a"
X
Z
θY
B-LCD
Notch and hole "c"
Lock screw "c"
Lock screw "c"
Notch and hole "c"
Z
X
θY

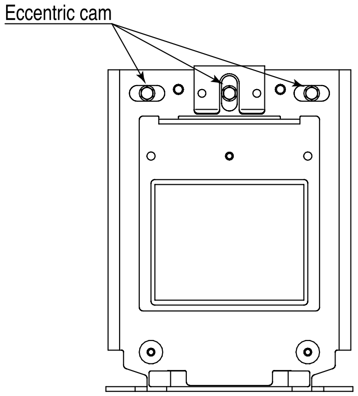
SIDE VIEW


θX
G-LCD panel mounting screws
Y
Z
TOP
G-LCD
G adjusting plate

SIDE VIEW (from outside)


R·B-LCD
Lock screw "d" (convergence adjustment)
R·B-LCD panel mounting screws
Y
X
θZ
TOP

SIDE VIEW (from inside)


Eccentric cam

Convergence and Focus Adjustments at a Glance

Adjustment directions

Adjustment	Direction	Definition	Direction of LCD panel
Convergence	X direction		LCD right and left
	Y direction		LCD top and bottom
	θZ direction	Rotation around Z axis	LCD turning axis
Focus	Z direction		LCD optical axis
	θX direction	Rotation around X axis	LCD top-to-bottom flapping
	θY direction	Rotation around Y axis	LCD right-to-left flapping

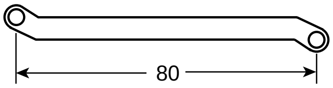
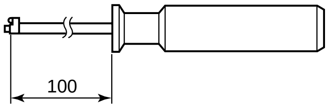
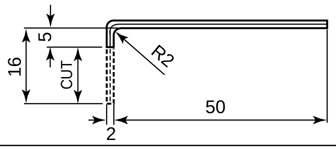
Convergence and Focus Adjustment for the Optical Mechanism

Color	Adjustment	Direction	Movement	Position	Adjusting tool	Lock screw	Tightening tool
R/B colors	Convergence	X direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		Y direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		θZ direction	±1°	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
	Focus	Z direction	±1.3mm	Notch and hole "a" & "c"	Eccentric screwdriver	a, c	Phillips screwdriver, *Hex wrench
		θX direction	±1°	Notch and hole "a" & "c"		a, c	
		θY direction	±2.5°	Notch and hole "b" & "c"		b, c	
G color	Focus	Z direction	±0.4mm	Same as for R and B colors			
		θX direction	±1°				
		θY direction	±2.5°				

Focus Adjustments the Other Way

Lock screw	Position	Related direction
a	Notch and hole "a"	Z and θX directions
b	Notch and hole "b"	θY direction
c	Notch and hole "c"	Z, θX and θY directions

Convergence and Focus Adjusting and Tightening Tools

Tool	Specific or General	Tool code	Configuration
Eccentric cam adjusting wrench	Specific	9DASPN-XGNV1U	
Eccentric screwdriver	Specific	9EQDRiVER-NV1A	
Hex wrench	General (redesigned)	9EQLNC-XGNV1U	
Phillips screwdriver	General	—	For M2.6 pan-head machine screw
***Hex wrench**	General	—	Preferably use a 70 mm or longer screwdriver (with a handle).

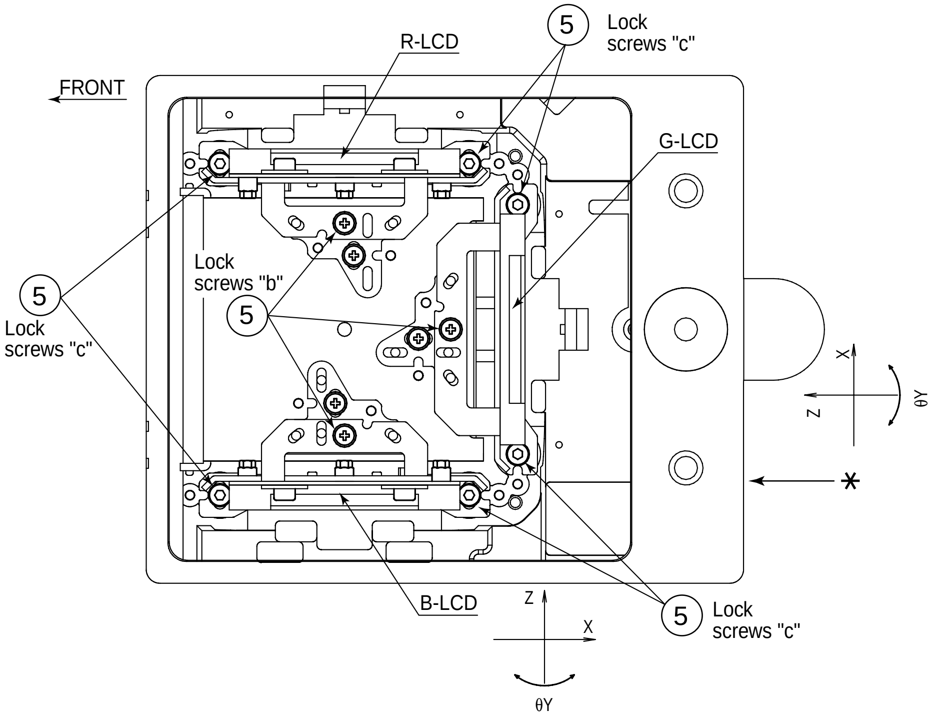
Replacing the LCDs

Remove the top cover.

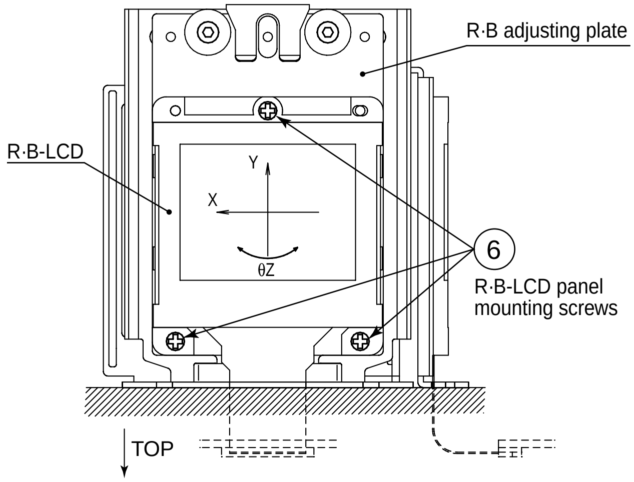
(1) Remove the six screws off the relay duct and disconnect the relay duct.
(2) Remove the two screws off the upper suction cover and detach this cover.
(3) Disconnect the LCD flat cable from the PWB connector.
(4) Place the set in the ceiling-mounted position and open the maintenance door.
(5) Remove the lock screws "b" and "c". Take out the LCD-equipped R/B adjusting board and G adjusting board.
(6) Detach the LCD panel from the adjusting board.
(7) Place a replacement LCD panel and take the above steps (1) thru (5) in the reverse order.

∗ Keep in mind that the G LCD panel does not need convergence readjustment and that it has a small adjustable range in the Z direction.

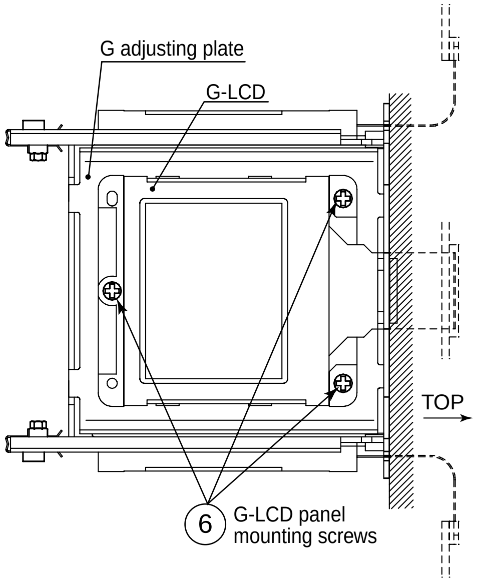
BOTTOM VIEW


5
Lock
screws "c"
R-LCD
FRONT
G-LCD
Lock
screws "b"
5
5
Lock
screws "c"
X
Z
θY
∗
B-LCD
Z
X
θY
5
Lock
screws "c"

SIDE VIEW


R·B adjusting plate
R·B-LCD
Y
X
θZ
6
R·B-LCD panel
mounting screws
TOP

SIDE VIEW


G adjusting plate
G-LCD
TOP
6
G-LCD panel
mounting screws

1. Adjusting the mirror optical axis

The optical axis must be readjusted to correct possible eclipse that occurs with the R, G or B LCD panel. This readjustment is usually required when an optical part in the optical mechanism has been replaced, and may be needed when a LCD panel has been replaced.

1. Disconnect the LCD flat cable.
2. Get the lamp on. Be sure to start the cooling fan too.

(Eclipse with the R LCD panel: Screen edges appearing in cyan)

3. Loosen the lock screws of the M5 adjusting lever.
4. Watching the image on the screen, turn or slide the M5 adjusting lever until the eclipse disappears from the screen. Now tighten up the lock screws.

(Eclipse with the G LCD panel: Screen edges appearing in magenta)

3. Loosen the lock screws of the M3 adjusting lever.
4. Watching the image on the screen, turn or slide the M3 adjusting lever until the eclipse disappears from the screen. Now tighten up the lock screws.

(Eclipse with the B LCD panel: Screen edges appearing in yellow)

3. Loosen the lock screws of the M6 adjusting lever.
4. Watching the image on the screen, turn or slide the M6 adjusting lever until the eclipse disappears from the screen. Now tighten up the lock screws.

2. Adjusting the orientation of polarizer

The contrast must be optimized when the polarizer or an optical mechanism part has been replaced.

1. Turn on the power.
2. If the background is blue, clear the screen and get it black.
3. Loosen the two lock screws of the polarizer (two for each plate).
4. Press the heads of the lock screws in the arrow directions until the onscreen contrast becomes best. Finally tighten up the lock screws.

3. Adjusting the PBS

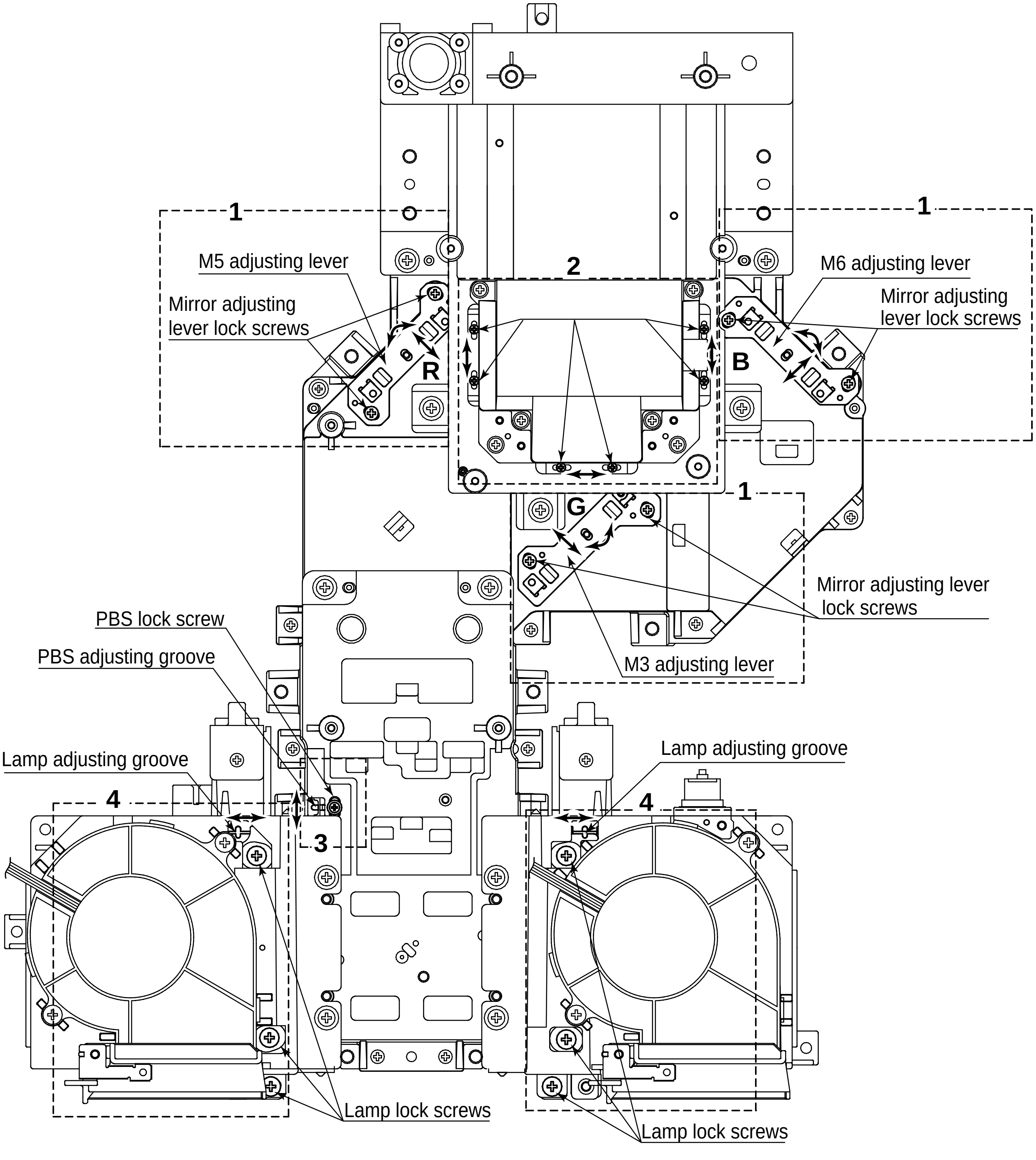
This adjustment may be required when the optical mechanism has been disassembled. Colors uneven on the right and left halves onscreen can be corrected here. Usually there is no need to make this adjustment. It is enough to have the lamp adjusting groove in alignment.

1. Turn on the power.
2. Loosen the PBS lock screw.
3. Feed a white-only signal, or call the process mode and get the screen white only.
4. Put the eccentric screwdriver (9EQDRiVER-NV1A) in the PBS adjusting groove.
5. Watching the image on the screen, turn the eccentric screwdriver until the right-and-left colors onscreen become most even. Finally tighten up the lock screw.

4. Adjusting the lamp optical axis

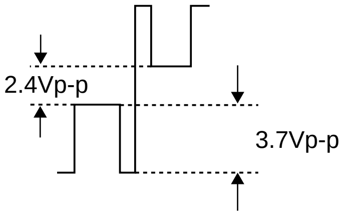
The lamp optical axis is optimized to obtain the best color evenness and brightness. Usually there is no need to make this adjustment because the replacement lamp unit (BQC-XGV10WU/1) has been delivered factory-adjusted.

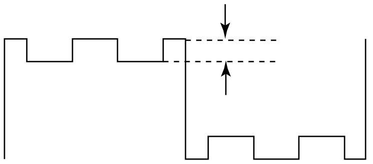
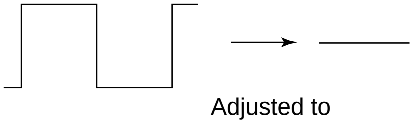
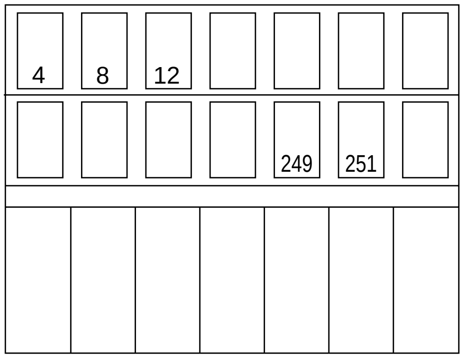
1. Turn on the power.
2. Loosen the three lamp lock screws.
3. Feed a white-only signal, or call the process mode and get the screen white only.
4. Put the eccentric screwdriver (9EQDRiVER-NV1A) in the lamp adjusting groove.
5. Watching the image on the screen, turn the eccentric screwdriver until the right-and-left colors onscreen become most even. Finally tighten up the lock screws.

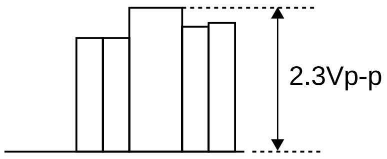

1
1
2
1
M5 adjusting lever
Mirror adjusting
lever lock screws
R
M6 adjusting lever
Mirror adjusting
lever lock screws
B
G
Mirror adjusting lever
lock screws
M3 adjusting lever
PBS lock screw
PBS adjusting groove
Lamp adjusting groove
Lamp adjusting groove
4
3
4
Lamp lock screws
Lamp lock screws

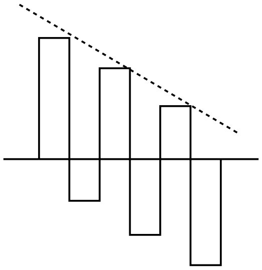
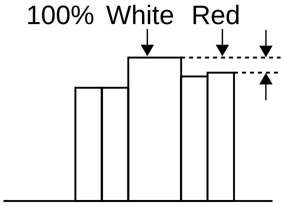
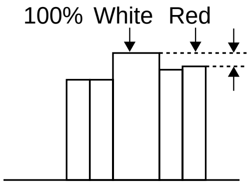
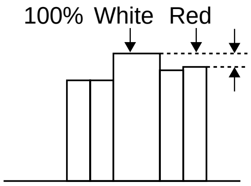
ELECTRICAL ADJUSTMENT

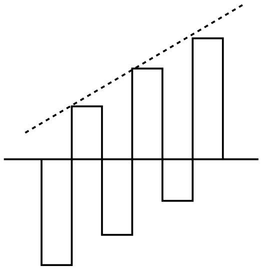
Hook up a signal generator, or a DOSV or Mac personal computer to the projector in order to feed the signals specified in the Adjusting conditions.

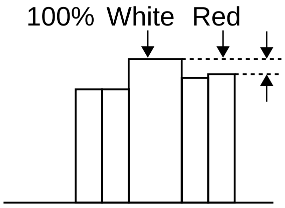
No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	**EEPROM initialization**	1. Turn on the power (with the lamp on) and warm up the set for 15 minutes.	● Make the following settings. Press S2601 to call the process mode. Execute the S2 and S4 commands on the SSS menu. With the S2 command, all but the PC boards will be initialized. Do not execute the S1 command because this will get the PC boards initialized. To readjust the PC boards, refer to "Adjusting the PC interface" on page 37.
2	**RGB drive adjustment**	1. Feed the 100% white signal. 2. Select the following group and subjects. Group : A/D Subject : R-D (R) G-D (G) B-D (B)	● Using the set's control switch or the remote controller's button, adjust the settings so that there be some bit dropouts.
3	**RGB1 system black level signal amplitude adjustment**	1. Select the following group and subjects. Group : OUTPUT1 Subject : G1-BLK G1-GAIN For the R and B colors, choose the following respective subjects. R1-BLK and R1-GAIN for R B1-BLK and B1-GAIN for B 2. Make sure the process adjustment color bars are being displayed. 3. Connect the oscilloscope to pin (3) (for G) of P1001. 4. Similarly connect the oscilloscope to the following for the R and B colors. Pin (1) of P1001 for R Pin (5) of P1001 for B	● Select G1-GAIN. Using the set's control switch or the remote controller's button, adjust the setting so that the signal amplitude be 3.7 ± 0.05 Vp-p. ● Select G1-BLK. Using the set's control switch or the remote controller's button, adjust the setting so that the white to white level be 2.4 ± 0.05 Vp-p. ● Do the same for the R and B colors.  * The G1 settings affect all the R, G and B signals at the same time. When the G1-BLK setting has been changed, therefore, the R1-BLK and B1-BLK settings are accordingly modified. Also with a change in the G1-GAIN setting, the R1-GAIN and B1-GAIN settings are accordingly modified. In other words, adjust the G settings first and then the R as well as B settings.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
4	**RGB2 system black level signal amplitude adjustment**	1. Select the following group and subjects. Group : OUTPUT2 Subject : R2-GAIN R2-BLK For the G and B colors, choose the following respective subjects. G2-GAIN and G2-BLK for G B2-GAIN and B2-BLK for B 2. Connect the oscilloscope to pin (2) (for R) of P1001. 3. Similarly connect the oscilloscope to the following for the G and B colors. Pin (4) of P1001 for G Pin (6) of P1001 for B	- Select R2-GAIN. Adjust the setting so that the signal component has the minimum amplitude.  - Select R2-BLK. Adjust the setting so that the waveform becomes a straight horizontal line. 
5	**Sample hold pulse phase checking**	1. Feed the SXGA-mode, 75-Hz black signal. 2. Select the following group and subject. Group : OUTPUT3 Subject : SH-PHASE	- Using the set's control switch or the remote controller's button, make sure the characters OUTPUT3 are not blurry with no ghost image on the screen. If anything blurry or a ghost image appears onscreen, readjust the setting in the range of 7-9.
6	**RGB countervoltage adjustment**	1. Feed the SXGA-mode, 60-Hz, countervoltage adjustment signal. 2. Select the following group and subjects. Group : OUTPUT3 Subject : RC (R) GC (G) BC (B)	- Using the set's control switch or the remote controller's button, adjust the setting so that the flickering be minimum. - If there is a difference between the center and both sides on the screen, adjust the setting to get both sides equal to each other.
7	**RGB tone reproduction adjustment**	1. Feed the Infocom Grayscale & Color Pattern signal. 2. Select the following group and subject. Group : OUTPUT1 Subject : G1-BLK	- Make sure the grayscale, shown below, is visible up to the tone 251 (white) as well as down to the tone 8 (black). - If the white tone is out of spec, finely adjust the G1-BLK setting. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
8	**RGB white balance adjustment**	1. Feed the 32-step grayscale signal. (SXGA, 60 Hz) 2. Select the following group and subjects. Group : OUTPUT1 Subject : R1-BLK (R) B1-BLK (B)	● Adjust the R1-BLK and B1-BLK settings to get the tone balance to optimum.
9	**Video horizontal center adjustment** **DLY checking**	1. Feed the NTSC monoscope pattern signal. 2. Group : VIDEO 2 Subject : N358-DLY (2) N443-DLY (0) PAL-DLY (0) SECAM-DLY (0) Make sure the settings are as above. 3. Then select the following group and subject. Group : VIDEO1 Subject : NTSC-H	● Using the set's control switch or the remote controller's button, adjust the setting so that the overscan be the same at right and left.
10	**Video picture adjustment**	1. Feed the split color bar signal. 2. Select the following group and subject. Group : VIDEO1 Subject : PICTURE 3. Connect the oscilloscope between pin (1) of P801 and GND.	● Using the set's control switch or the remote controller's button, adjust the setting so that the amplitude between the black and 100% white levels be 2.3 ± 0.02 Vp-p. 
11	**Video offset adjustment**	1. Feed the color bar signal with base band. (ON-AIR not allowed because of its too much noise.) 2. Select the following group and subjects. Group : VIDEO2 Subject : VROS (R) VGOS (G) VBOS (B) Make sure there are some bit dropouts on the screen. If not, press the set's control switch or the remote controller's mute button. (Gamma correction is now set for the adjustment process.)	● Using the set's control switch or the remote controller's button, adjust the settings so that the black signal has some bit dropouts.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
12	**Video AGC adjustment**	1. Feed the split color bar signal. 2. Select the following group and subject. Group : VIDEO1 Subject : AGC Make sure there are some bit dropouts on the screen.	Using the set's control switch or the remote controller's button, adjust the setting so that the 100% white signal has some bit-less.
13	**Video tint adjustment**	1. Feed the split color bar signal. Select the following group and subject. Group : VIDEO1 Subject : TINT 2. Connect the oscilloscope to pin (4) of P801.	Using the set's control switch or the remote controller's button, adjust the setting so that the –(B–Y) waveform runs straight downhill. 
14	**NTSC color saturation adjustment**	1. Feed the split color bar signal. 2. Select the following group and subject. Group : VIDEO1 Subject : N-COLOR 3. Connect the oscilloscope to pin (1) of P801.	Using the set's control switch or the remote controller's button, adjust the setting so that the amplitude between the 100% white and red levels be 0.20 ± 0.02 Vp-p. 
15	**PAL color saturation adjustment**	1. Feed the PAL color bar signal. 2. Select the following group and subject. Group : VIDEO1 Subject : P-COLOR 3. Connect the oscilloscope to pin (1) of P801.	Using the set's control switch or the remote controller's button, adjust the setting so that the amplitude between the 100% white and red levels be 0.36 ± 0.02 Vp-p. 
16	**SECAM color saturation adjustment**	1. Feed the SECAM color bar signal. 2. Select the following group and subject. Group : VIDEO1 Subject : S-COLOR 3. Connect the oscilloscope to pin (1) of P801.	Using the set's control switch or the remote controller's button, adjust the setting so that the amplitude between the 100% white and red levels be 0.50 ± 0.02 Vp-p. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
17	**Video input panel signal amplitude adjustment**	1. Feed the NTSC 10-step signal. 2. Select the following group and subjects. Group : VIDEO2 Subject : R1-GAIN B1-GAIN 3. Connect the oscilloscope to pin (1) (for R) of P1001 and pin (3) (for G) of P1001. 4. Similarly connect the oscilloscope to the following for the B color. Pin (5) of P1001 for B Pin (3) of P1001 for G	● Select R1-GAIN. Adjust the setting so that the R signal amplitude and the G signal amplitude be the same. ● Do the same for the B color.
18	**Video white balance adjustment**	1. Feed the NTSC monoscope pattern signal. 2. Select the following group and subjects. Group : VIDEO2 Subject : R1-BLK B1-BLK	● Using the set's control switch or the remote controller's button, adjust the setting so that the white balance be the same as on the monitor screen.
19	**DVD contrast adjustment**	1. Feed the 100% color bar signal of the 480I component signal to the G (Y) input terminal on the BNC socket. 2. Select the following group and subject. Group : DVD Subject : CONTRAST	● Using the set's control switch or the remote controller's button, adjust the setting so that the 100% white signal has some bit dropouts.
20	**DVD tint adjustment**	1. Feed the 100% color bar signal of the 480I component signal to the Y, Pb and Pr input terminals on the BNC socket. For the Y signal, feed the sync signal only. 2. Select the following group and subject. Group : DVD Subject : TINT 3. Connect the oscilloscope to pin (2) of P801.	● Using the set's control switch or the remote controller’s button, adjust the setting so that the (B–Y) waveform runs straight uphill. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
21	**DVD color saturation adjustment**	1. Feed the 100% color bar signal of the 480I component signal to the Y, Pb and Pr input terminals on the BNC socket. 2. Select the following group and subject. Group : DVD Subject : COLOR 3. Connect the oscilloscope to pin (1) of P801.	● Using the set's control switch or the remote controller's button, adjust the setting so that the amplitude between the 100% white and red levels be 0.10 ± 0.02 Vp-p. 
22	**DVD input panel signal amplitude adjustment**	1. Feed the 10-step signal to the G (Y) input terminal on the BNC socket. 2. Select the following group and subjects. Group : DVD Subject : R1-GAIN B1-GAIN 3. Connect the oscilloscope to pin (1) (for R) of P1001 and pin (3) (for G) of P1001. 4. Similarly connect the oscilloscope to the following for the B color. Pin (5) of P1001 for B Pin (3) of P1001 for G	● Select R1-GAIN. Adjust the setting so that the R signal amplitude and the G signal amplitude be the same. ● Do the same for the B color.
23	**DVD white balance checking**	1. Feed the NTSC monoscope pattern signal to the G (Y) input terminal on the BNC socket. 2. Select the following group and subjects. Group : DVD Subject : R1-BLK B1-BLK	● Make sure the white balance is the same as on the monitor screen. ● If not, adjust the setting so that the white balance be the same as on the monitor screen, using the set's control switch or the remote controller's button.
24	**Saw-tooth wave correction (G), (R)**	Make sure the lamp optical axis has been already adjusted. 1. Feed the SXGA, 60-Hz gray-only signal. 2. Check for uneven color spot on the screen. 3. Select the following group and subject. Group : NOKO Subject : NOKO-G Choose the subject NOKO-R for the R color.	● When the green color is found not uneven, turn off the saw-tooth wave correction with S4201. ● Select NOKO-G and adjust the setting to minimize the color unevenness at right and left on the screen. For the R color, use S4202 to turn on or off the wave correction.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
25	**White balance checking and readjustment**	1. For the adjusting conditions, refer back to Item Nos. 8, 19 and 24 for the RGB, Video and DVD inputs, respectively. DTV input 1) Feed the 720P SMPTE (color difference) signal. If out of spec, take the readjustment step below. 2) Select the following group and subjects. Group : DTV Subject : CR-OFFSET CB-OFFSET	● Make sure the white balance is the same as on the monitor screen. To obtain the specified white balance, readjust the RGB, Video and DVD inputs in this order.
26	**Set-up**	1. Select the following. Group : VIDEO 1 Subject : SET UP B SET UP C	● Make sure the SET UP B and SET UP C settings are 6 and 1, respectively.
27	**Color-related performance checking**	1. Feed the color bar signal.	● Select the process mode L1. Check the Color and Tint settings.
28	**Video-related performance checking**	1. Feed the monoscope pattern signal.	● Select the process mode L2. Check the Picture, Brightness and Sharpness settings.
29	**Audio-related performance checking**	1. Feed the stereo audio signal.	● Select the process mode L3. Check the Bass, Treble and Balance settings.
30	**RGB-related performance checking**	1. Feed the RGB signal.	● Select the process mode L4. Check the Picture, Brightness, Red, Blue, Clock, Phase, H-Pos and V-Pos settings.
31	**Off-timer performance checking**		● Select the process mode OFF. Make sure that the off-timer starts with "5" (minutes) onscreen and counts down minute by minute each second, and that the set turns itself off with "0" (minutes) onscreen.
32	**Thermistor performance checking**		● Get the thermistor status list displayed onscreen.
33	**Auto sync performance checking**	1. Feed the phase check pattern signal.	● In the VGA, SVGA, XGA, SXGA and UXGA modes, make sure the Clock, Phase, H-Pos and V-Pos settings can be automatically adjusted.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
34	**Lens performance checking**		● Using the set's control switch or the remote controller, make sure the focus, zoom, keystone and lens shift actions are as specified.
35	**Delivery settings**	1. When the S4 delivery settings have been made, the SET-UP signal is acceptable. If the process mode is called up again, however, the SET-UP signal is not automatically accepted. In such case, select Group: VIDEO1 and Subject: SET UP, change the SET UP setting from 0 to 1, and exit from the process mode. Or make the S4 delivery settings again.	● Make the following settings. Process adjustment: S4 — Remote controller setting: "Delivery setting 4"

The methods of color correction adjustment, after LCD panel is replaced.
When not use color correction system.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	**Color correction Rest**	1. Make the following choice. Group : NOKO Subject : CC	● Make the following setting. Subject : CC Setting : 0 (color correction OFF)
2	**Saw-tooth wave Correction (G), (R)**	1. Feed the gray only RGB color signal. (XGA 60Hz) 2. Check for uneven color spot on the screen. 3. Make the following choice. Group : NOKO Subject : NOKO-G Choose the subject NOKO-R for the R Color.	● If the color is irregular, adjust the setting NOKO-G or NOKO-R to minimize the right-hand and left-hand color irregularity. ● If there is no color irregularity, turn off the saw-tooth correction using SW4201 (green) and SW4202 (red).

ADJUSTING THE PC INTERFACE (CPCi-0042CE01. PC I/F Unit)

1. Initializing the EEPROM

1) Press S2601 to call the process mode.
2) Execute the S1 command on the SSS menu. (The S1 command is used to get the PC boards initialized. Do not carry out the S2 command because otherwise all the other adjustment data than on the PC boards would be initialized.)
3) Make sure the program version VER.XXX on the SPECIAL menu is the latest one.

2. Adjusting the levels

2-1. Preparing the oscilloscope

1) Set the oscilloscope range to 1 Vdc/div. and 5 µs/div.

2-2. Connecting the PC interface

1) Connect the PC interface to the set and make sure the P404, P405 and P502 connectors are all tight in position.
2) Connect a cable between the ANALOG OUTPUT terminal (signal generator) and the DSUB connector (projector's INPUT1).
3) Set the projector's INPUT SELECT to the INPUT1 position.
4) Set the signal generator to the SXGA mode (1280 x 1024, 60 Hz, 32 tones). Adjust the output amplitude between the black and white levels to 700 mVp-p (terminated with a 75-ohm impedance).
5) Turn on the power.

2-3. Adjusting and checking the levels

1) Press S2601 and call the process mode.
2) Adjust the SH-PHASE setting on the OUPUT3 menu to 8. (Make sure the onscreen display characters appear crisp and clear.)

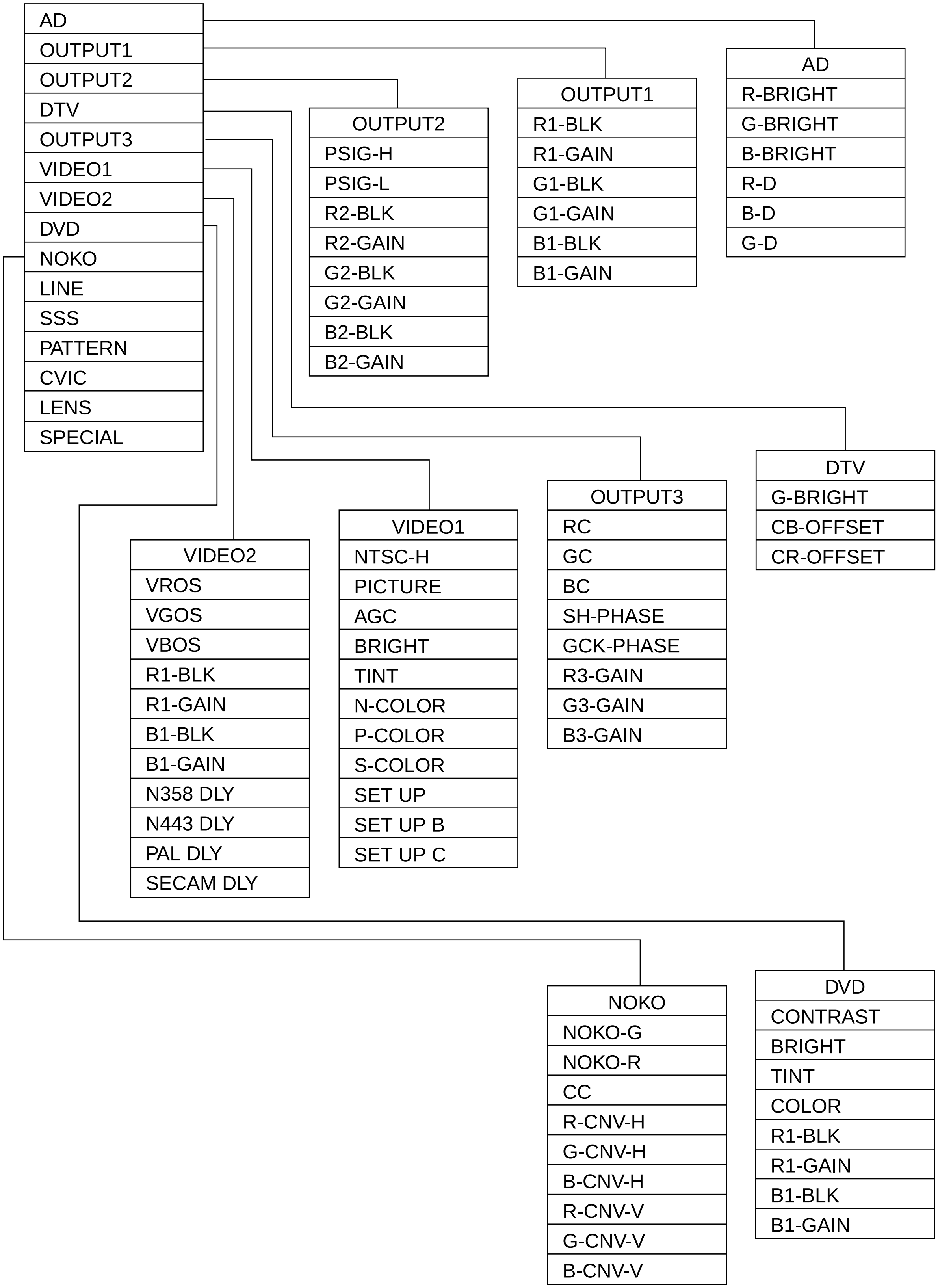
(Adjusting the A/D menu settings)

3) G-BRIGHT adjustment: Feed the black signal and adjust the G-BRIGHT setting on the A/D menu until there are bit dropouts.
4) R-BRIGHT adjustment: Feed the black signal and adjust the R-BRIGHT setting on the A/D menu until there are bit dropouts.
5) B-BRIGHT adjustment: Feed the black signal and adjust the B-BRIGHT setting on the A/D menu until there are bit dropouts.
6) G-D adjustment: Feed the white signal and adjust the G-D setting on the A/D menu until there are bit dropouts.
7) R-D adjustment: Feed the white signal and adjust the R-D setting on the A/D menu until there are bit dropouts.
8) B-D adjustment: Feed the white signal and adjust the B-D setting on the A/D menu until there are bit dropouts.

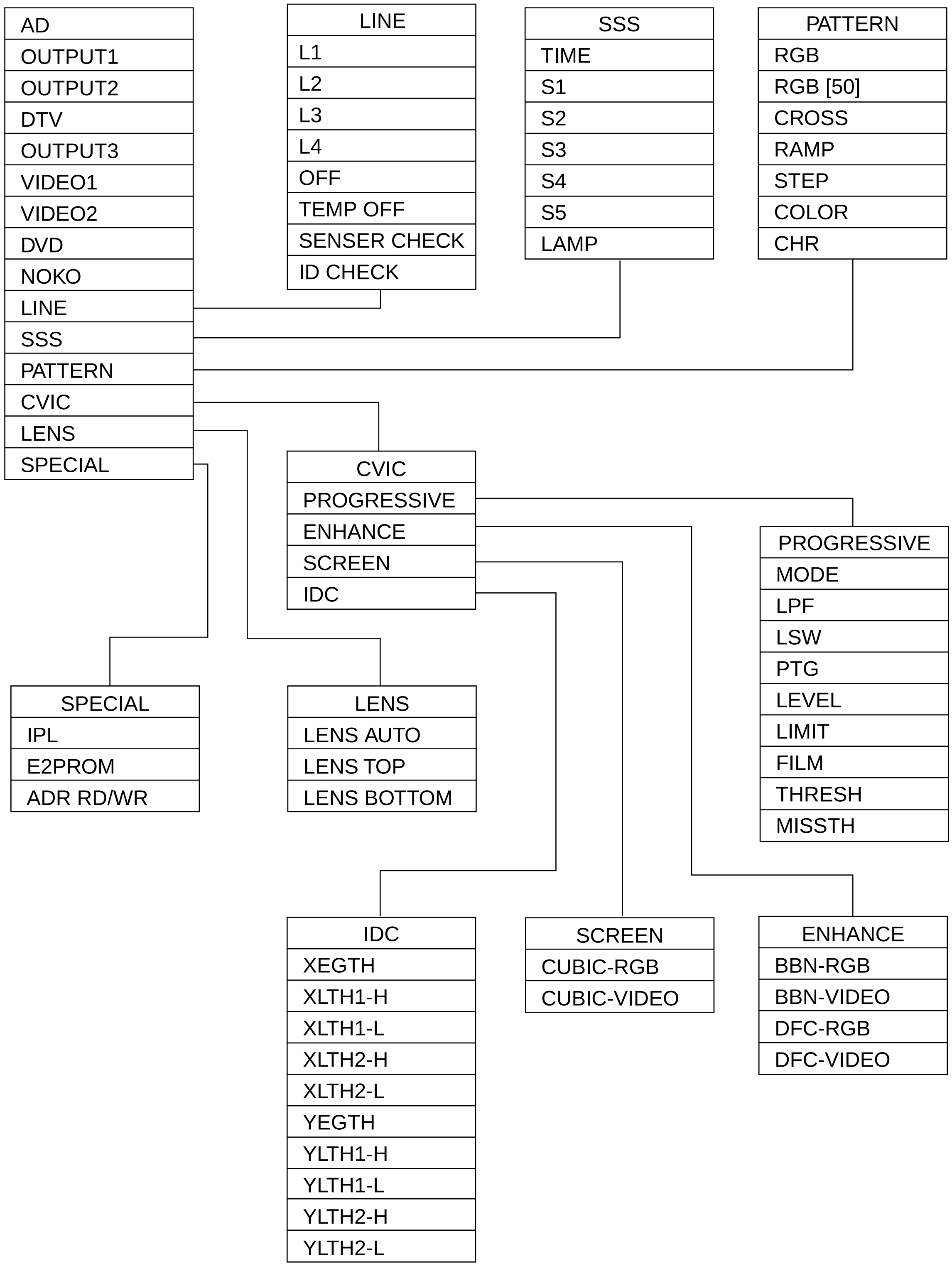
2-4. Adjusting the DTV settings

1) Feed the 480P Y signal to the INPUT1 terminal. Keep out the R (Pr) and B (Pb) signals.
2) G-BRIGHT adjustment: Feed the black signal and adjust the G-BRIGHT setting on the DTV menu until there are bit dropouts.
3) CR-OFFSET adjustment: Adjust the CR-OFFSET setting to 16.
4) CB-OFFSET adjustment: Adjust the CB-OFFSET setting to 16.
5) Press S2601 to exit from the process mode.

Process menu1


AD
OUTPUT1
OUTPUT2
DTV
OUTPUT3
VIDEO1
VIDEO2
DVD
NOKO
LINE
SSS
PATTERN
CVIC
LENS
SPECIAL
OUTPUT2
PSIG-H
PSIG-L
R2-BLK
R2-GAIN
G2-BLK
G2-GAIN
B2-BLK
B2-GAIN
OUTPUT1
R1-BLK
R1-GAIN
G1-BLK
G1-GAIN
B1-BLK
B1-GAIN
AD
R-BRIGHT
G-BRIGHT
B-BRIGHT
R-D
B-D
G-D
DTV
G-BRIGHT
CB-OFFSET
CR-OFFSET
OUTPUT3
RC
GC
BC
SH-PHASE
GCK-PHASE
R3-GAIN
G3-GAIN
B3-GAIN
VIDEO1
NTSC-H
PICTURE
AGC
BRIGHT
TINT
N-COLOR
P-COLOR
S-COLOR
SET UP
SET UP B
SET UP C
VIDEO2
VROS
VGOS
VBOS
R1-BLK
R1-GAIN
B1-BLK
B1-GAIN
N358 DLY
N443 DLY
PAL DLY
SECAM DLY
NOKO
NOKO-G
NOKO-R
CC
R-CNV-H
G-CNV-H
B-CNV-H
R-CNV-V
G-CNV-V
B-CNV-V
DVD
CONTRAST
BRIGHT
TINT
COLOR
R1-BLK
R1-GAIN
B1-BLK
B1-GAIN

Process menu2


AD
OUTPUT1
OUTPUT2
DTV
OUTPUT3
VIDEO1
VIDEO2
DVD
NOKO
LINE
SSS
PATTERN
CVIC
LENS
SPECIAL
LINE
L1
L2
L3
L4
OFF
TEMP OFF
SENSER CHECK
ID CHECK
SSS
TIME
S1
S2
S3
S4
S5
LAMP
PATTERN
RGB
RGB [50]
CROSS
RAMP
STEP
COLOR
CHR
CVIC
PROGRESSIVE
ENHANCE
SCREEN
IDC
PROGRESSIVE
MODE
LPF
LSW
PTG
LEVEL
LIMIT
FILM
THRESH
MISSTH
SPECIAL
IPL
E2PROM
ADR RD/WR
LENS
LENS AUTO
LENS TOP
LENS BOTTOM
IDC
XEGTH
XLTH1-H
XLTH1-L
XLTH2-H
XLTH2-L
YEGTH
YLTH1-H
YLTH1-L
YLTH2-H
YLTH2-L
SCREEN
CUBIC-RGB
CUBIC-VIDEO
ENHANCE
BBN-RGB
BBN-VIDEO
DFC-RGB
DFC-VIDEO

Precautions in servicing

(1) If the convergence gets out of spec during servicing, call up the process mode and select the following subjects.

Group : NOKO
Subject : R-CNV-H, R-CNV-V
G-CNV-H, G-CNV-V
B-CNV-H, B-CNV-V

(H: Horizontal adjustment, V: Vertical adjustment)

Adjust the above settings in the range of 0-4. When changing each setting from the initial setting of 2, however, the 1280 x 1024 dot display area will have a fewer number of lines.

Example 1 : When the R-CNV-H setting is changed from 2 (initial) to 4, the number of lines will be from 1280 to 1278.

Example 2 : When the R-CNV-H, G-CNV-H and B-CNV-H settings are changed to 3, 3 and 4, respectively, the display will be 1278 x 1024 lines. But when the above settings are switched to 2, 2 and 3, respectively, the display will be 1279 x 1024 lines.

Preferably keep each setting as close to 2 as possible.

(2) When calling up the process mode, make sure the following appears onscreen.

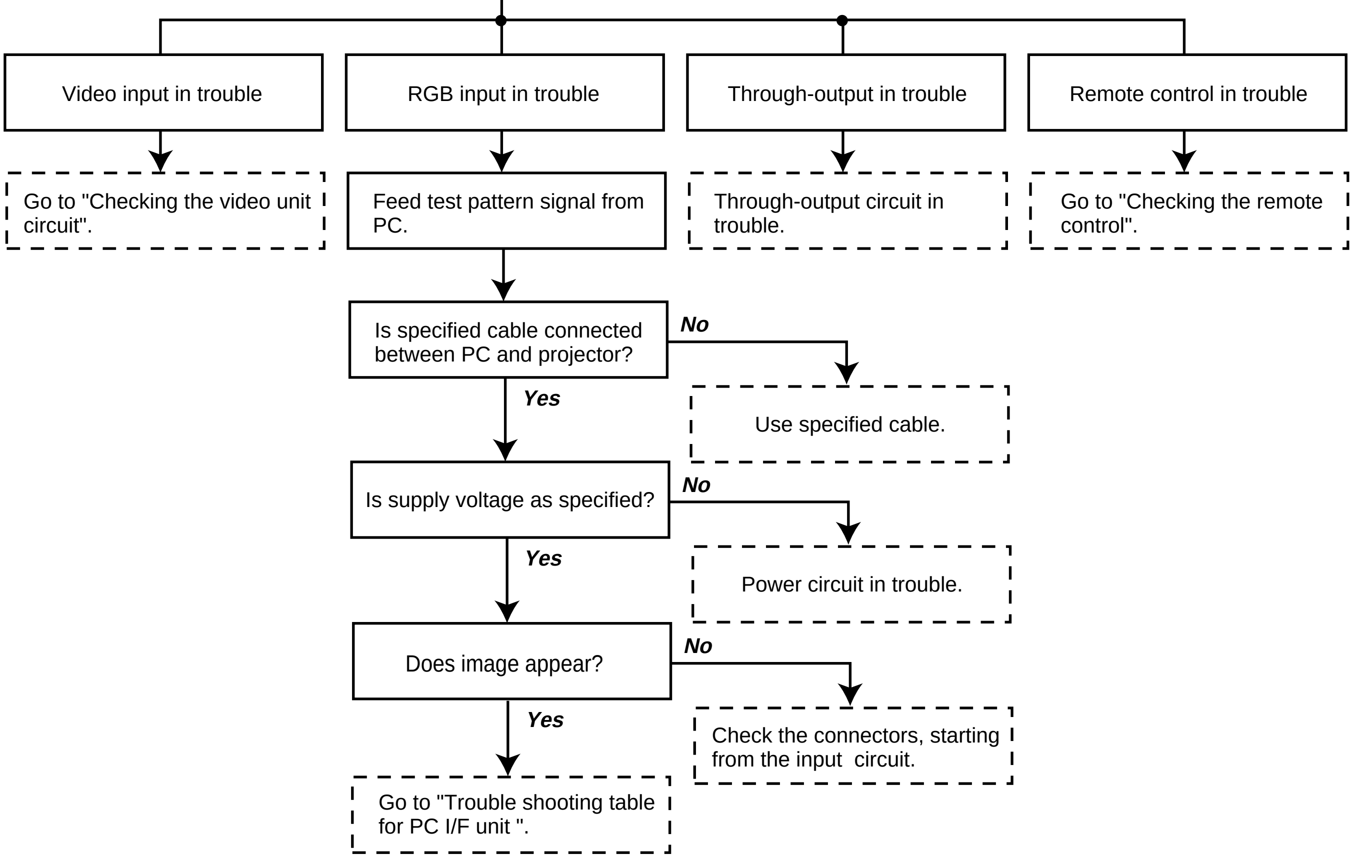
Group : VIDEO1
Subject : SET UP B 2
SET UP C 1

Be sure to exit from this mode with the following onscreen.

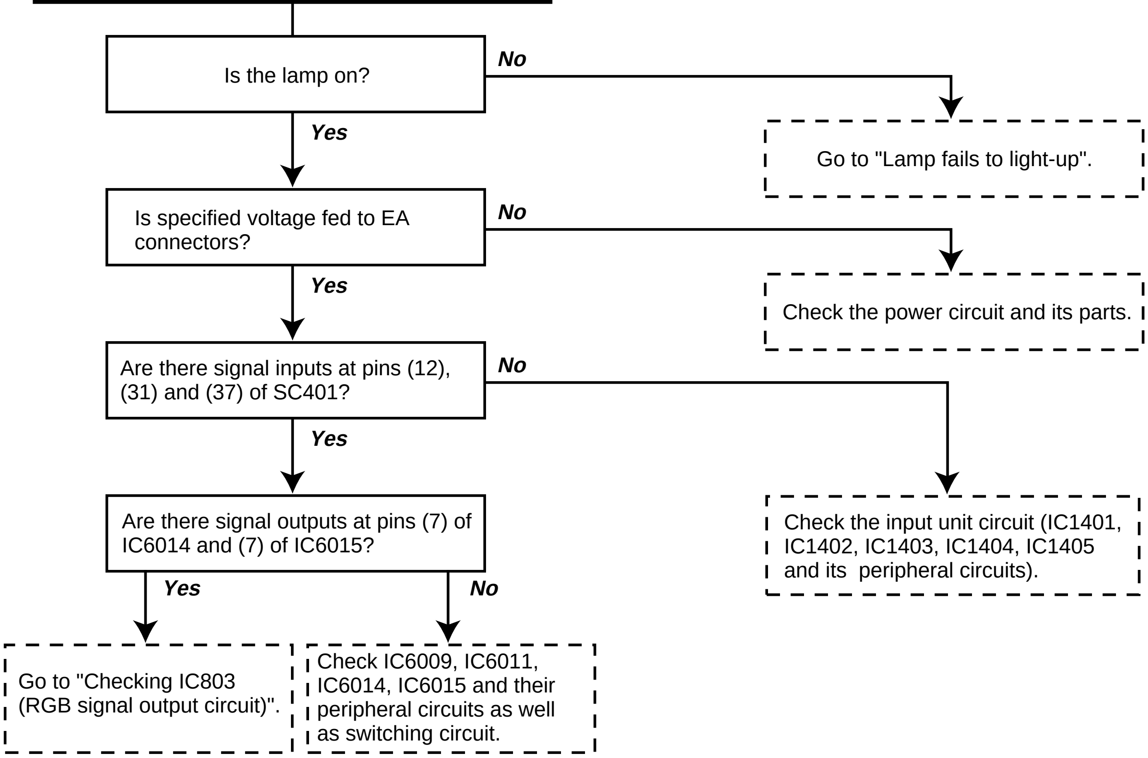
Subject : SET UP 1

TROUBLE SHOOTING TABLE

Checking the PWB performance

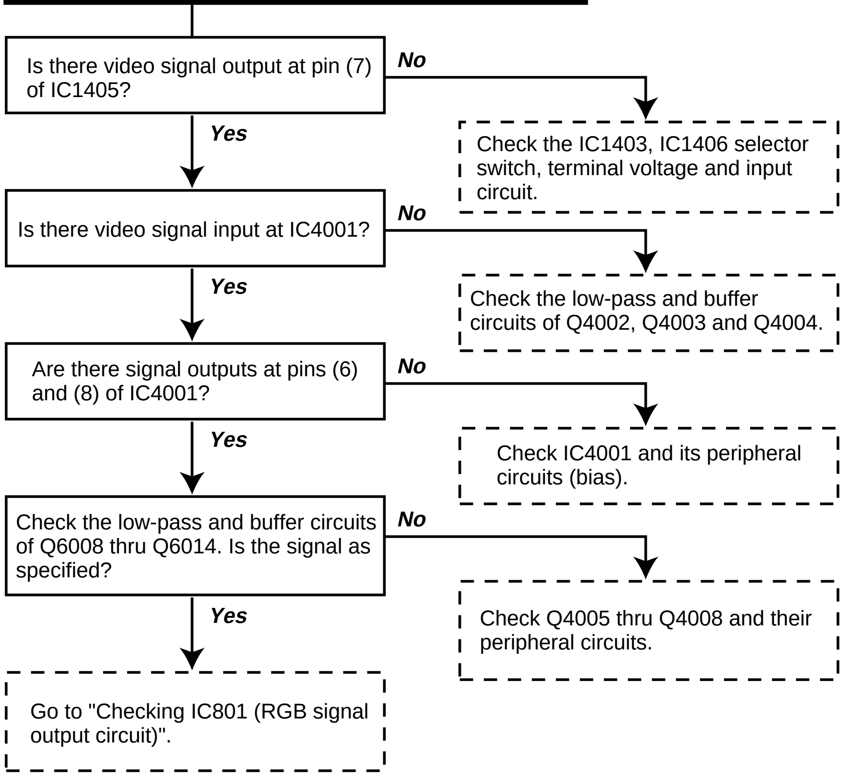

Video input in trouble
RGB input in trouble
Through-output in trouble
Remote control in trouble
Go to "Checking the video unit circuit".
Feed test pattern signal from PC.
Through-output circuit in trouble.
Go to "Checking the remote control".
Is specified cable connected between PC and projector?
No
Use specified cable.
Yes
Is supply voltage as specified?
No
Power circuit in trouble.
Yes
Does image appear?
No
Check the connectors, starting from the input circuit.
Yes
Go to "Trouble shooting table for PC I/F unit ".

Checking the video system

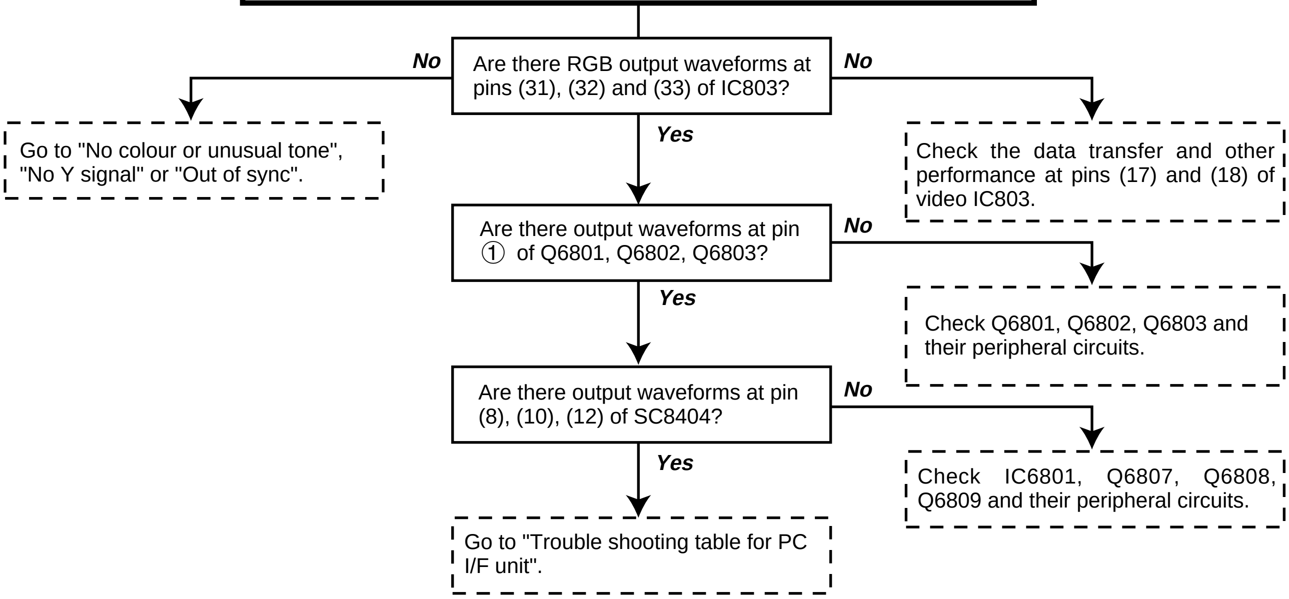

Is the lamp on?
No
Go to "Lamp fails to light-up".
Yes
Is specified voltage fed to EA connectors?
No
Check the power circuit and its parts.
Yes
Are there signal inputs at pins (12), (31) and (37) of SC401?
No
Check the input unit circuit (IC1401, IC1402, IC1403, IC1404, IC1405 and its peripheral circuits).
Yes
Are there signal outputs at pins (7) of IC6014 and (7) of IC6015?
Yes
No
Go to "Checking IC803 (RGB signal output circuit)".
Check IC6009, IC6011, IC6014, IC6015 and their peripheral circuits as well as switching circuit.

TROUBLE SHOOTING TABLE (Continued)

Checking the video unit circuit

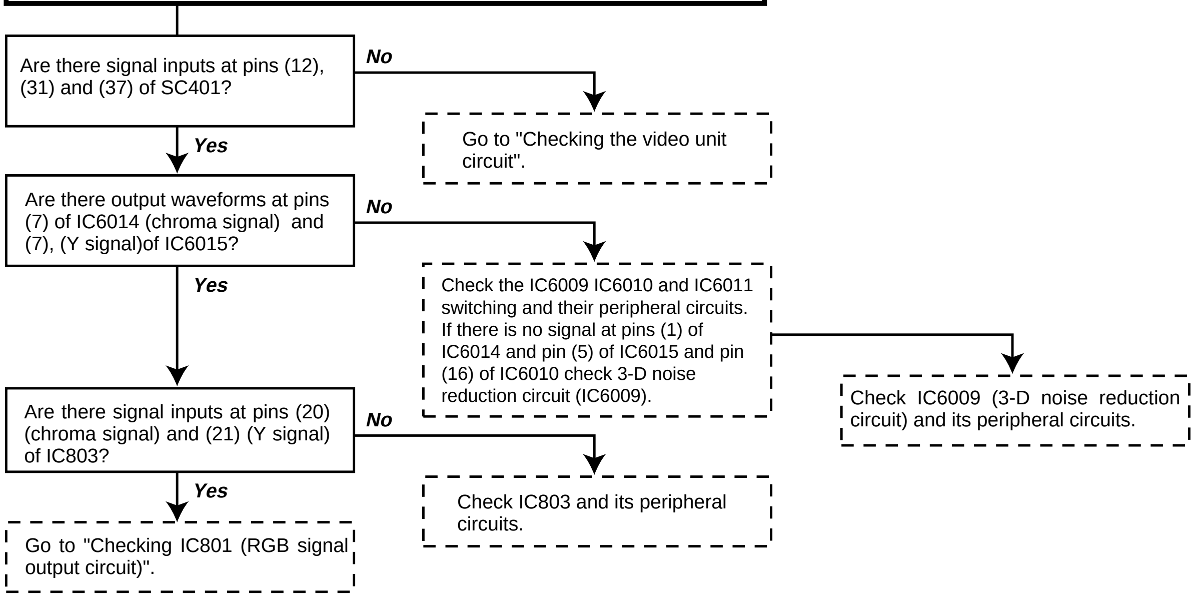

Is there video signal output at pin (7) of IC1405?
No
Check the IC1403, IC1406 selector switch, terminal voltage and input circuit.
Yes
Is there video signal input at IC4001?
No
Check the low-pass and buffer circuits of Q4002, Q4003 and Q4004.
Yes
Are there signal outputs at pins (6) and (8) of IC4001?
No
Check IC4001 and its peripheral circuits (bias).
Yes
Check the low-pass and buffer circuits of Q6008 thru Q6014. Is the signal as specified?
No
Check Q4005 thru Q4008 and their peripheral circuits.
Yes
Go to "Checking IC801 (RGB signal output circuit)".

Checking IC801 (RGB signal output circuit)

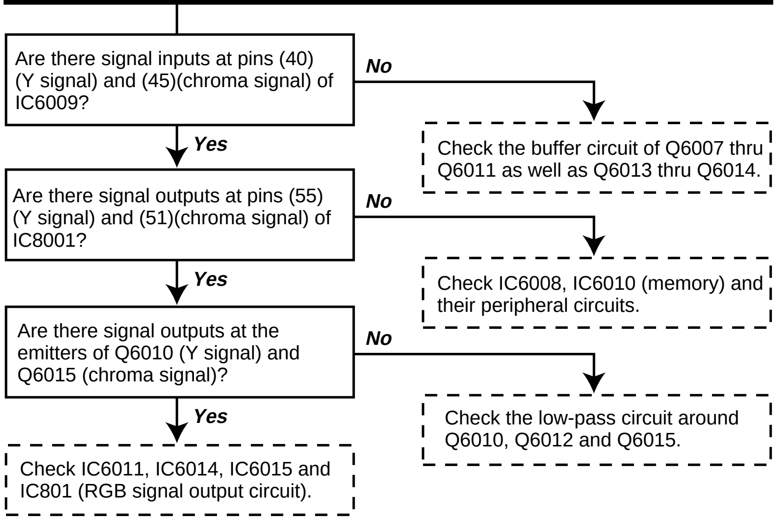

Are there RGB output waveforms at pins (31), (32) and (33) of IC803?
No
Go to "No colour or unusual tone", "No Y signal" or "Out of sync".
No
Check the data transfer and other performance at pins (17) and (18) of video IC803.
Yes
Are there output waveforms at pin ① of Q6801, Q6802, Q6803?
No
Check Q6801, Q6802, Q6803 and their peripheral circuits.
Yes
Are there output waveforms at pin (8), (10), (12) of SC8404?
No
Check IC6801, Q6807, Q6808, Q6809 and their peripheral circuits.
Yes
Go to "Trouble shooting table for PC I/F unit".

TROUBLE SHOOTING TABLE (Continued)

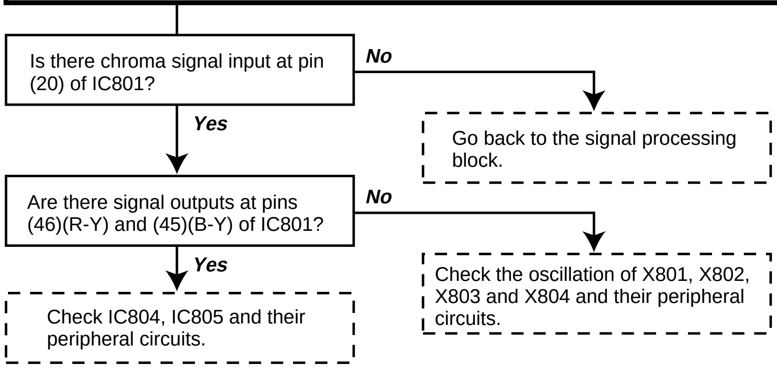
Checking the chroma and Y signals of IC801 (RGB signal output)


Are there signal inputs at pins (12), (31) and (37) of SC401?
No
Go to "Checking the video unit circuit".
Yes
Are there output waveforms at pins (7) of IC6014 (chroma signal) and (7), (Y signal)of IC6015?
No
Check the IC6009 IC6010 and IC6011 switching and their peripheral circuits. If there is no signal at pins (1) of IC6014 and pin (5) of IC6015 and pin (16) of IC6010 check 3-D noise reduction circuit (IC6009).
Check IC6009 (3-D noise reduction circuit) and its peripheral circuits.
Yes
Are there signal inputs at pins (20) (chroma signal) and (21) (Y signal) of IC803?
No
Check IC803 and its peripheral circuits.
Yes
Go to "Checking IC801 (RGB signal output circuit)".

Checking IC806 (3-D noise reduction circuit) and its peripheral circuits

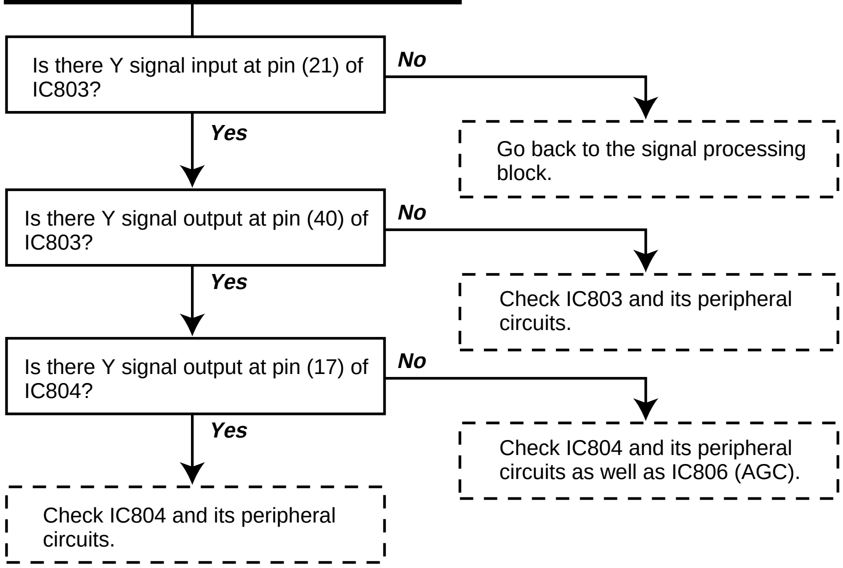

Are there signal inputs at pins (40) (Y signal) and (45)(chroma signal) of IC6009?
No
Check the buffer circuit of Q6007 thru Q6011 as well as Q6013 thru Q6014.
Yes
Are there signal outputs at pins (55) (Y signal) and (51)(chroma signal) of IC8001?
No
Check IC6008, IC6010 (memory) and their peripheral circuits.
Yes
Are there signal outputs at the emitters of Q6010 (Y signal) and Q6015 (chroma signal)?
No
Check the low-pass circuit around Q6010, Q6012 and Q6015.
Yes
Check IC6011, IC6014, IC6015 and IC801 (RGB signal output circuit).

No colour or unusual tone (NTSC, PAL, PALM, PALN)

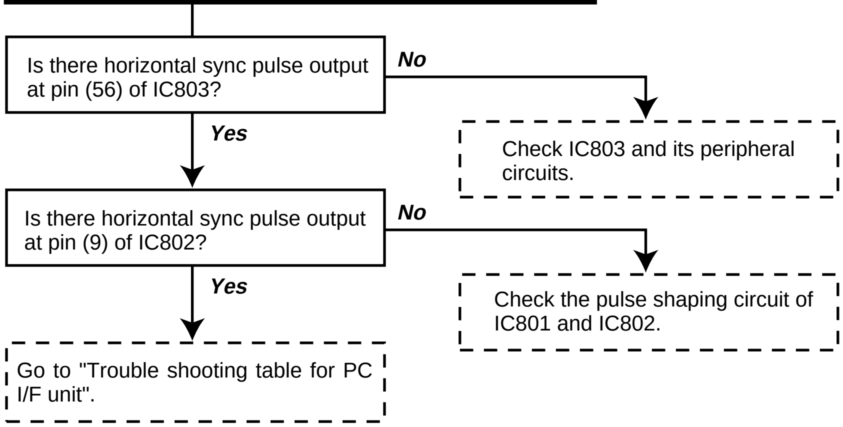

Is there chroma signal input at pin (20) of IC801?
No
Go back to the signal processing block.
Yes
Are there signal outputs at pins (46)(R-Y) and (45)(B-Y) of IC801?
No
Check the oscillation of X801, X802, X803 and X804 and their peripheral circuits.
Yes
Check IC804, IC805 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

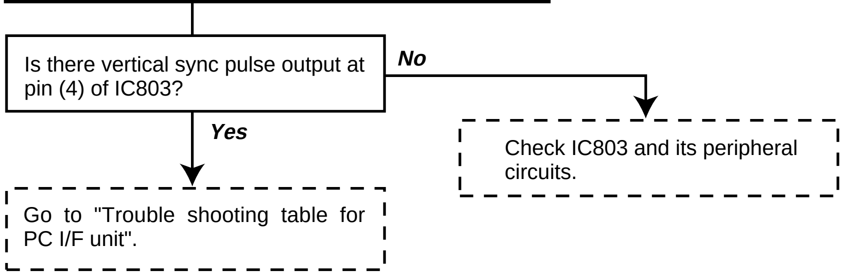
No or unusual Y signal


Is there Y signal input at pin (21) of IC803?
No
Go back to the signal processing block.
Yes
Is there Y signal output at pin (40) of IC803?
No
Check IC803 and its peripheral circuits.
Yes
Is there Y signal output at pin (17) of IC804?
No
Check IC804 and its peripheral circuits as well as IC806 (AGC).
Yes
Check IC804 and its peripheral circuits.

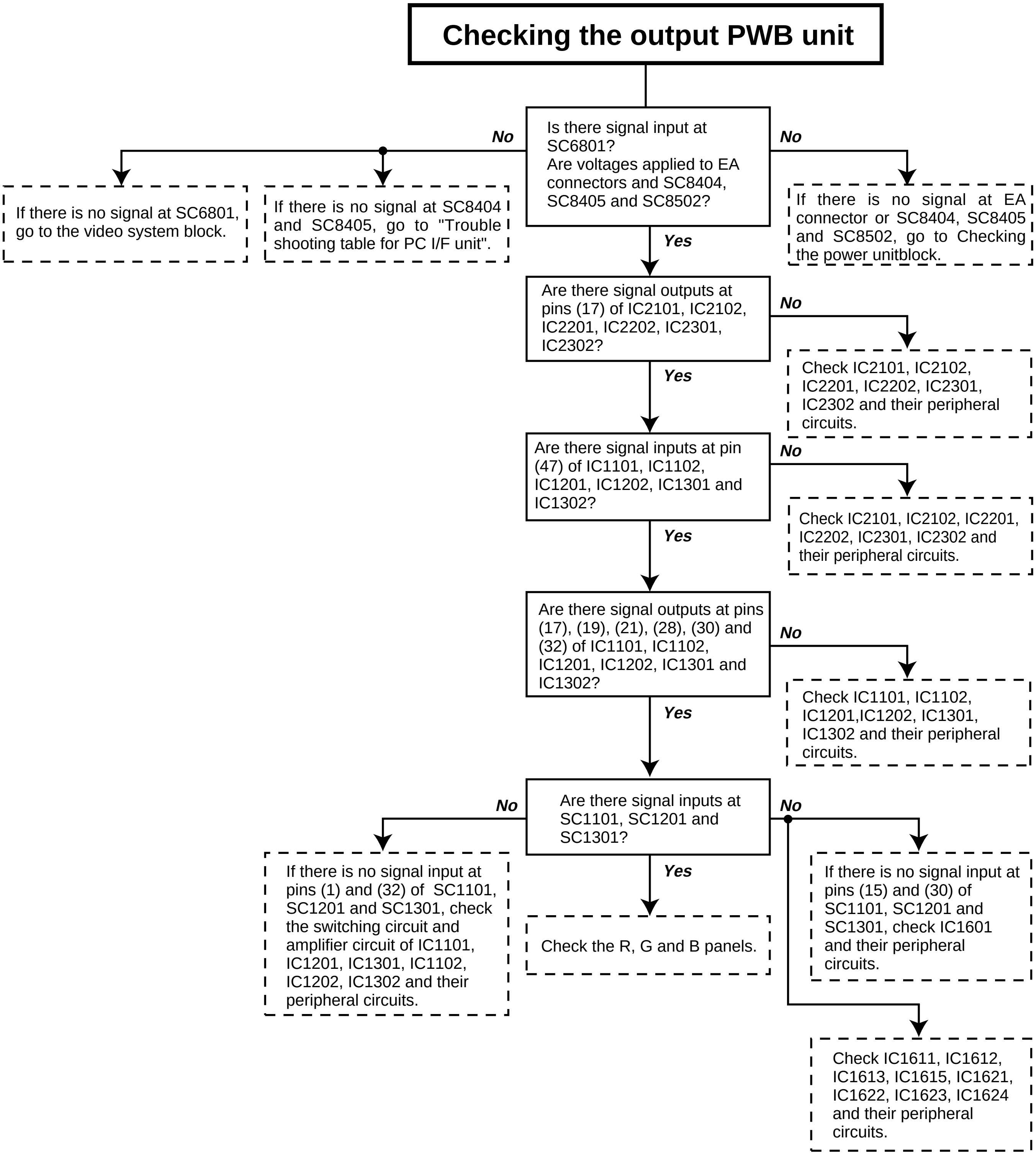
No or unusual horizontal sync


Is there horizontal sync pulse output at pin (56) of IC803?
No
Check IC803 and its peripheral circuits.
Yes
Is there horizontal sync pulse output at pin (9) of IC802?
No
Check the pulse shaping circuit of IC801 and IC802.
Yes
Go to "Trouble shooting table for PC I/F unit".

No or unusual vertical sync


Is there vertical sync pulse output at pin (4) of IC803?
No
Check IC803 and its peripheral circuits.
Yes
Go to "Trouble shooting table for PC I/F unit".

TROUBLE SHOOTING TABLE (Continued)



Checking the output PWB unit

Is there signal input at SC6801?
Are voltages applied to EA connectors and SC8404, SC8405 and SC8502?

If there is no signal at SC6801, go to the video system block.

If there is no signal at SC8404 and SC8405, go to "Trouble shooting table for PC I/F unit".

If there is no signal at EA connector or SC8404, SC8405 and SC8502, go to Checking the power unitblock.

Are there signal outputs at pins (17) of IC2101, IC2102, IC2201, IC2202, IC2301, IC2302?

Check IC2101, IC2102, IC2201, IC2202, IC2301, IC2302 and their peripheral circuits.

Are there signal inputs at pin (47) of IC1101, IC1102, IC1201, IC1202, IC1301 and IC1302?

Check IC2101, IC2102, IC2201, IC2202, IC2301, IC2302 and their peripheral circuits.

Are there signal outputs at pins (17), (19), (21), (28), (30) and (32) of IC1101, IC1102, IC1201, IC1202, IC1301 and IC1302?

Check IC1101, IC1102, IC1201,IC1202, IC1301, IC1302 and their peripheral circuits.

Are there signal inputs at SC1101, SC1201 and SC1301?

If there is no signal input at pins (1) and (32) of SC1101, SC1201 and SC1301, check the switching circuit and amplifier circuit of IC1101, IC1201, IC1301, IC1102, IC1202, IC1302 and their peripheral circuits.

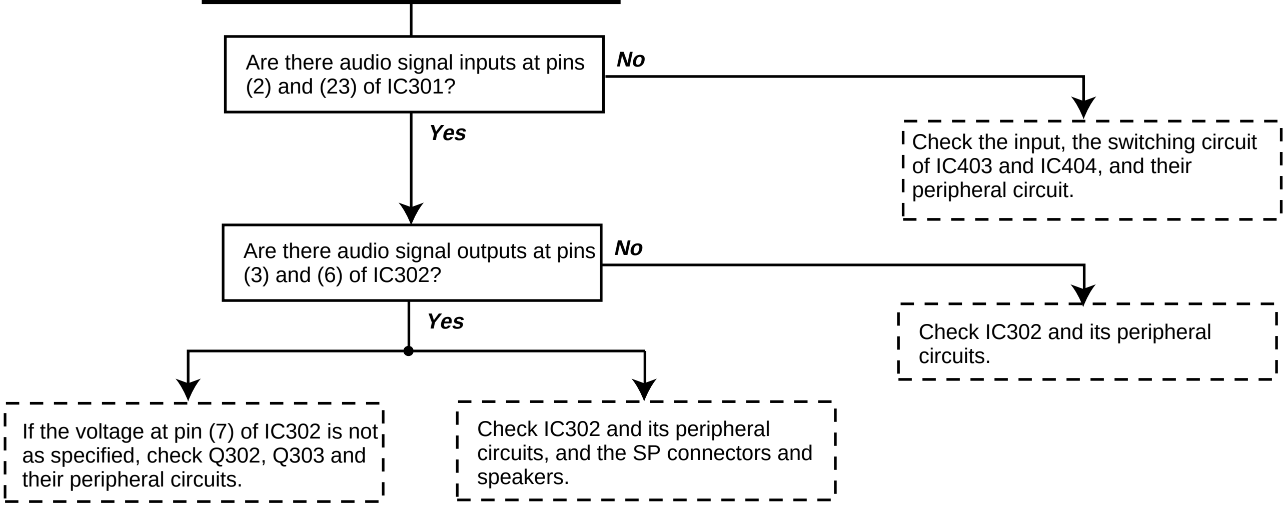
Check the R, G and B panels.

If there is no signal input at pins (15) and (30) of SC1101, SC1201 and SC1301, check IC1601 and their peripheral circuits.

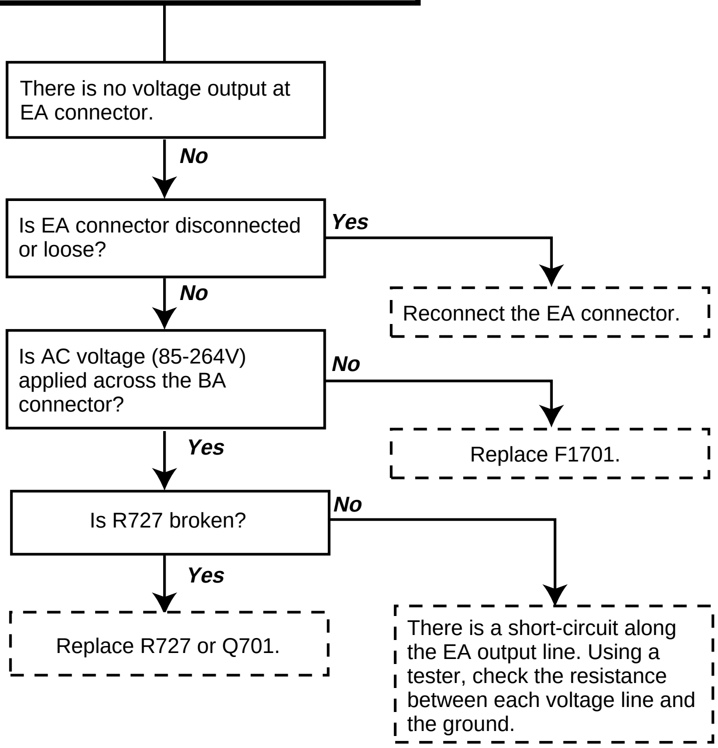
Check IC1611, IC1612, IC1613, IC1615, IC1621, IC1622, IC1623, IC1624 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

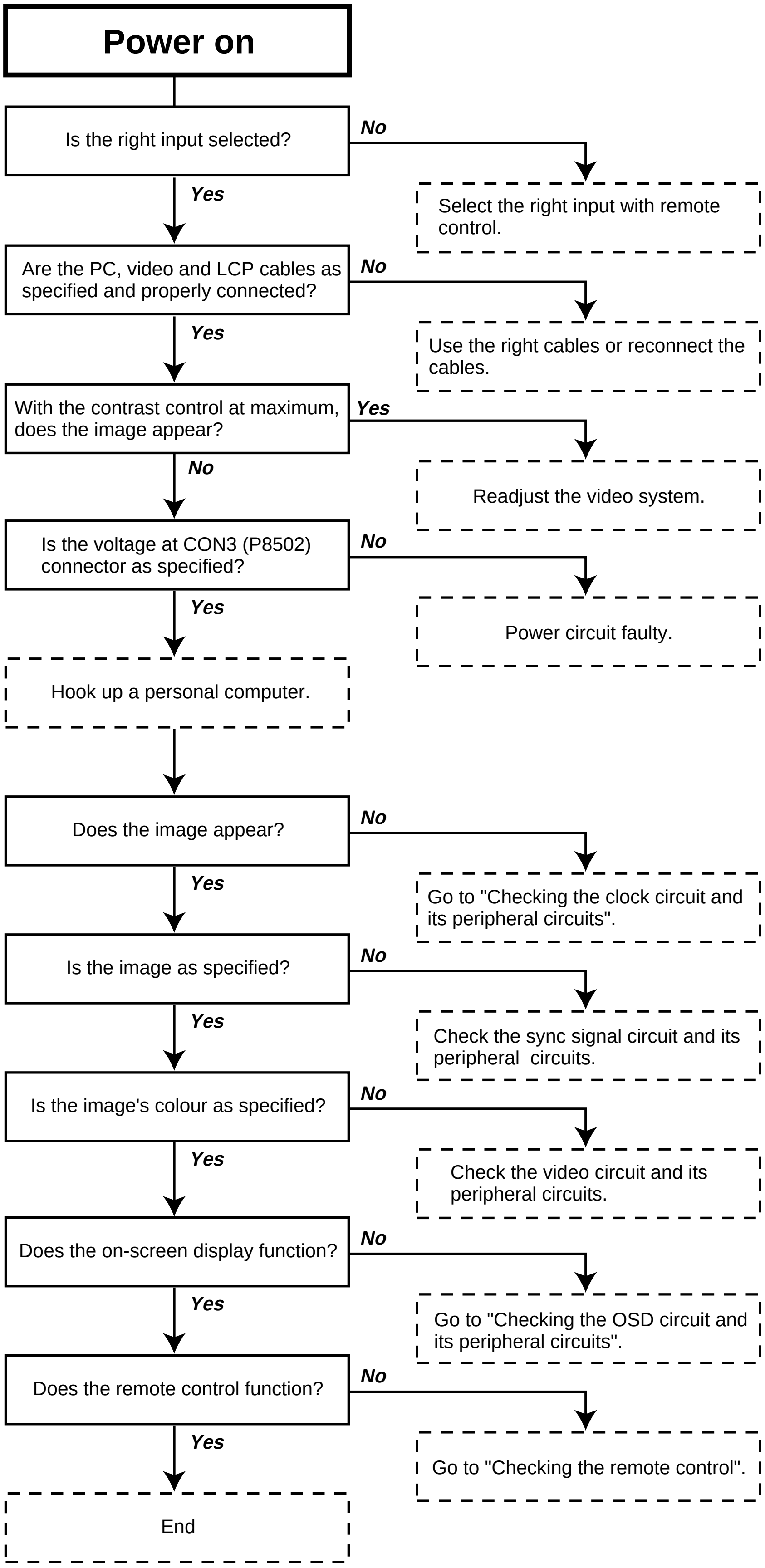
No audio output


Are there audio signal inputs at pins (2) and (23) of IC301?
No
Check the input, the switching circuit of IC403 and IC404, and their peripheral circuit.
Yes
Are there audio signal outputs at pins (3) and (6) of IC302?
No
Check IC302 and its peripheral circuits.
Yes
If the voltage at pin (7) of IC302 is not as specified, check Q302, Q303 and their peripheral circuits.
Check IC302 and its peripheral circuits, and the SP connectors and speakers.

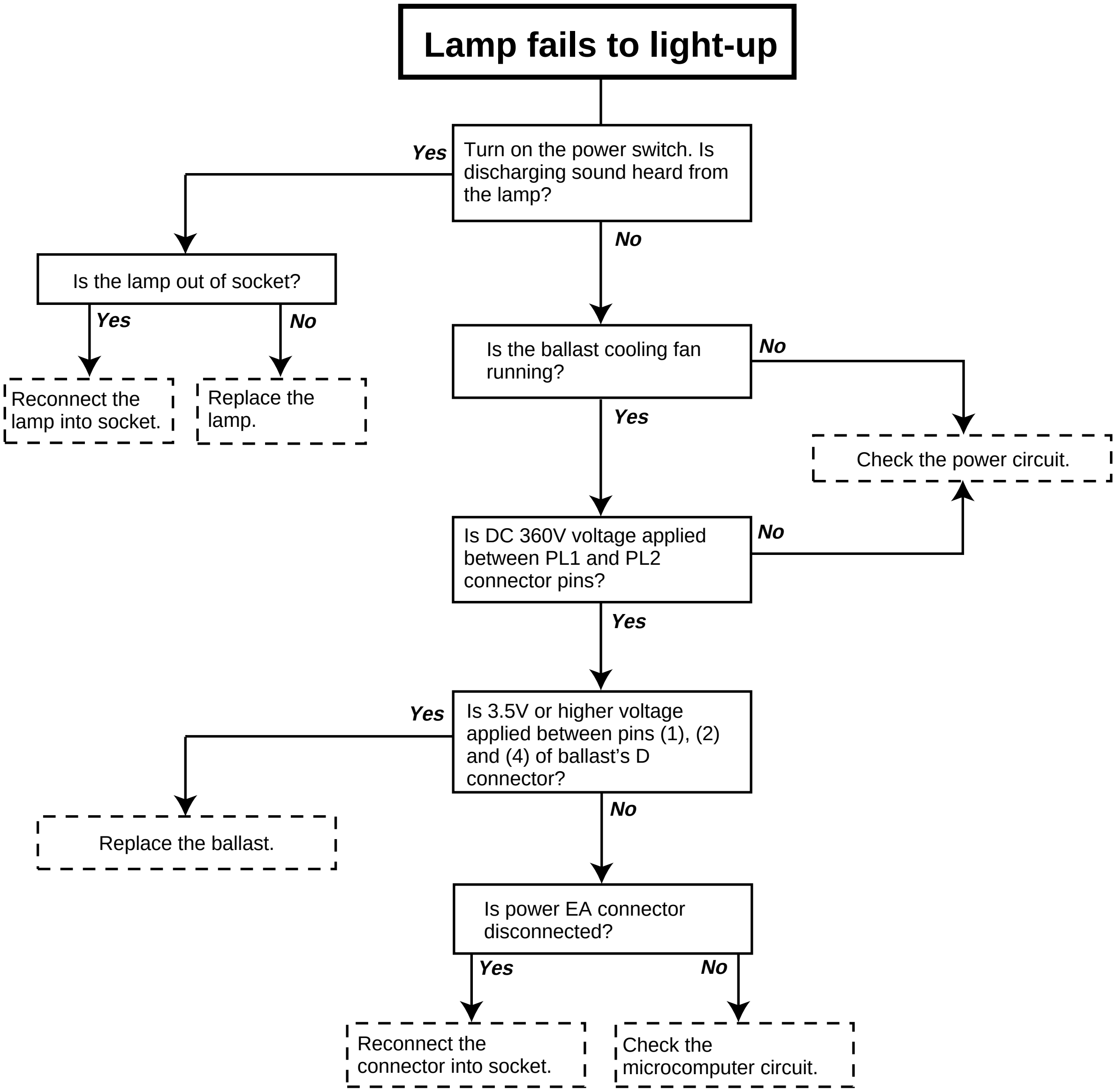
Checkig the Power Unit


There is no voltage output at EA connector.
No
Is EA connector disconnected or loose?
Yes
Reconnect the EA connector.
No
Is AC voltage (85-264V) applied across the BA connector?
No
Replace F1701.
Yes
Is R727 broken?
No
There is a short-circuit along the EA output line. Using a tester, check the resistance between each voltage line and the ground.
Yes
Replace R727 or Q701.

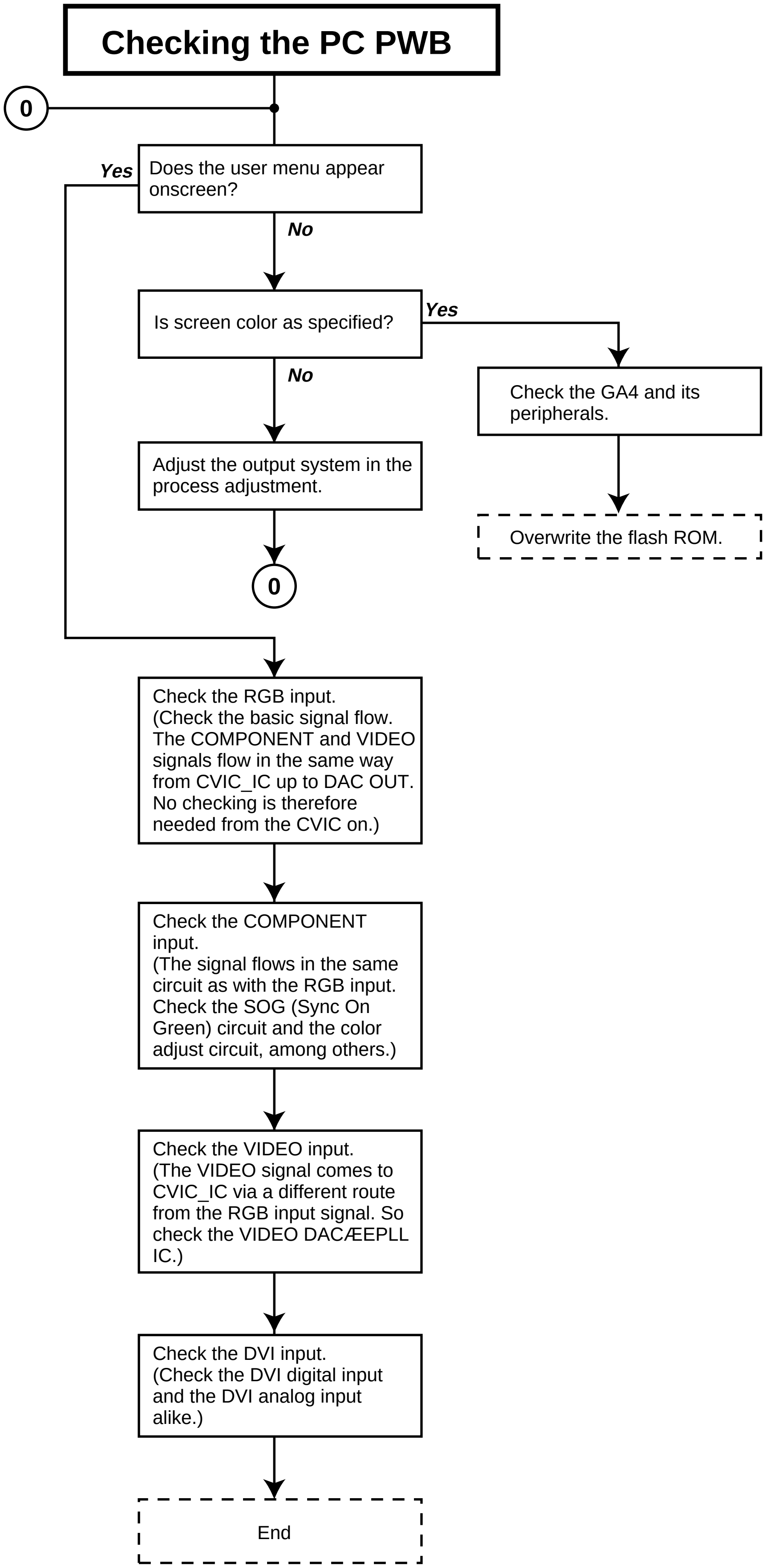
TROUBLE SHOOTING TABLE (Continued)


Power on
Is the right input selected?
No
Select the right input with remote control.
Yes
Are the PC, video and LCP cables as specified and properly connected?
No
Use the right cables or reconnect the cables.
Yes
With the contrast control at maximum, does the image appear?
Yes
Readjust the video system.
No
Is the voltage at CON3 (P8502) connector as specified?
No
Power circuit faulty.
Yes
Hook up a personal computer.
Does the image appear?
No
Go to "Checking the clock circuit and its peripheral circuits".
Yes
Is the image as specified?
No
Check the sync signal circuit and its peripheral circuits.
Yes
Is the image's colour as specified?
No
Check the video circuit and its peripheral circuits.
Yes
Does the on-screen display function?
No
Go to "Checking the OSD circuit and its peripheral circuits".
Yes
Does the remote control function?
No
Go to "Checking the remote control".
Yes
End

TROUBLE SHOOTING TABLE (Continued)


Lamp fails to light-up
Turn on the power switch. Is discharging sound heard from the lamp?
Yes
No
Is the lamp out of socket?
Yes
No
Reconnect the lamp into socket.
Replace the lamp.
Is the ballast cooling fan running?
No
Yes
Check the power circuit.
Is DC 360V voltage applied between PL1 and PL2 connector pins?
No
Yes
Is 3.5V or higher voltage applied between pins (1), (2) and (4) of ballast's D connector?
Yes
No
Replace the ballast.
Is power EA connector disconnected?
Yes
No
Reconnect the connector into socket.
Check the microcomputer circuit.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-1



Checking the PC PWB

Does the user menu appear onscreen?

Is screen color as specified?

Check the GA4 and its peripherals.

Overwrite the flash ROM.

Adjust the output system in the process adjustment.

Check the RGB input. (Check the basic signal flow. The COMPONENT and VIDEO signals flow in the same way from CVIC_IC up to DAC OUT. No checking is therefore needed from the CVIC on.)

Check the COMPONENT input. (The signal flows in the same circuit as with the RGB input. Check the SOG (Sync On Green) circuit and the color adjust circuit, among others.)

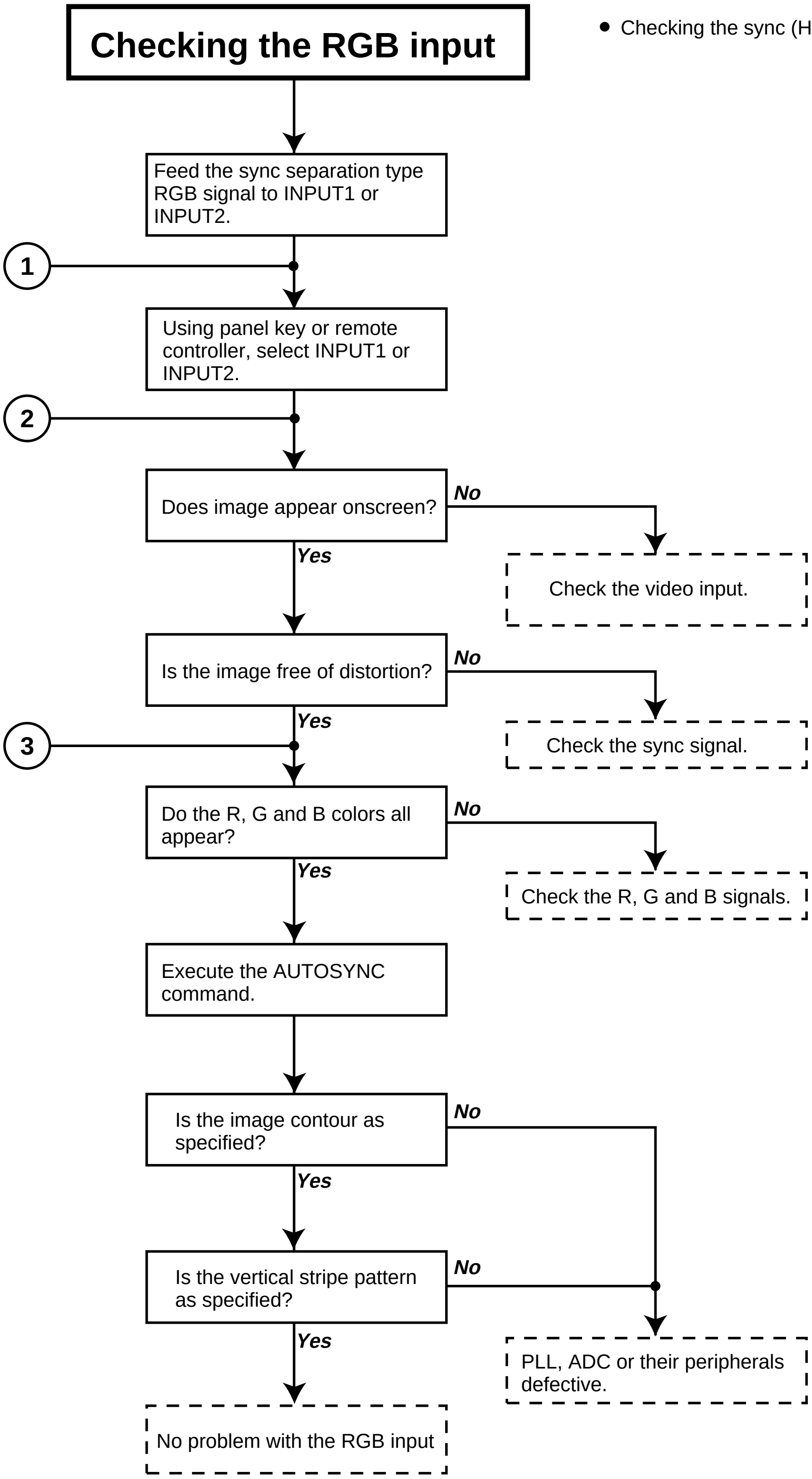
Check the VIDEO input. (The VIDEO signal comes to CVIC_IC via a different route from the RGB input signal. So check the VIDEO DACÆEPLL IC.)

Check the DVI input. (Check the DVI digital input and the DVI analog input alike.)

End

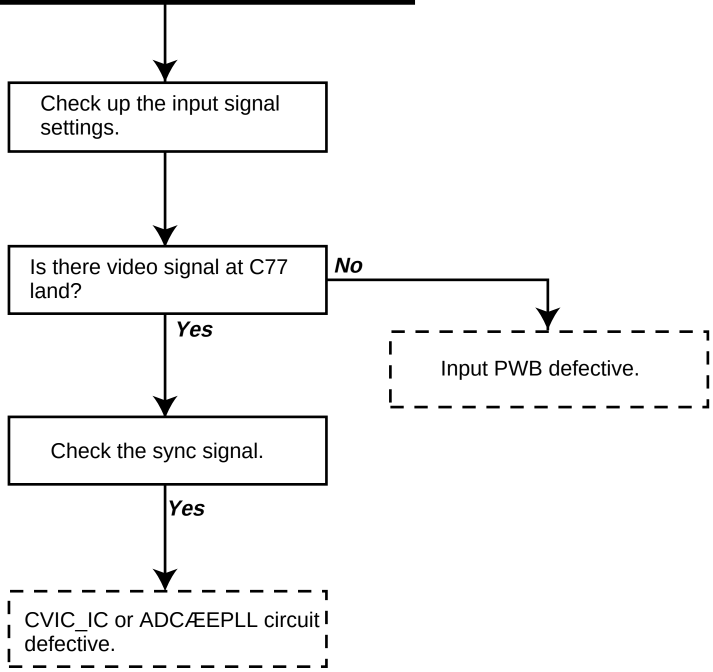
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-2

- Checking the sync (H/V) signal separation type

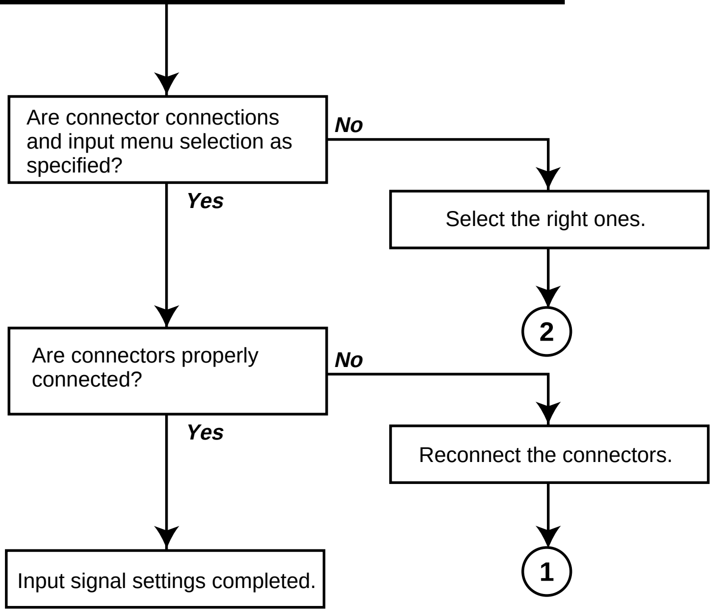

Checking the RGB input
Feed the sync separation type RGB signal to INPUT1 or INPUT2.
1
Using panel key or remote controller, select INPUT1 or INPUT2.
2
Does image appear onscreen?
No
Check the video input.
Yes
Is the image free of distortion?
No
Check the sync signal.
Yes
3
Do the R, G and B colors all appear?
No
Check the R, G and B signals.
Yes
Execute the AUTOSYNC command.
Is the image contour as specified?
No
Yes
Is the vertical stripe pattern as specified?
No
PLL, ADC or their peripherals defective.
Yes
No problem with the RGB input

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-3

Checking the video input

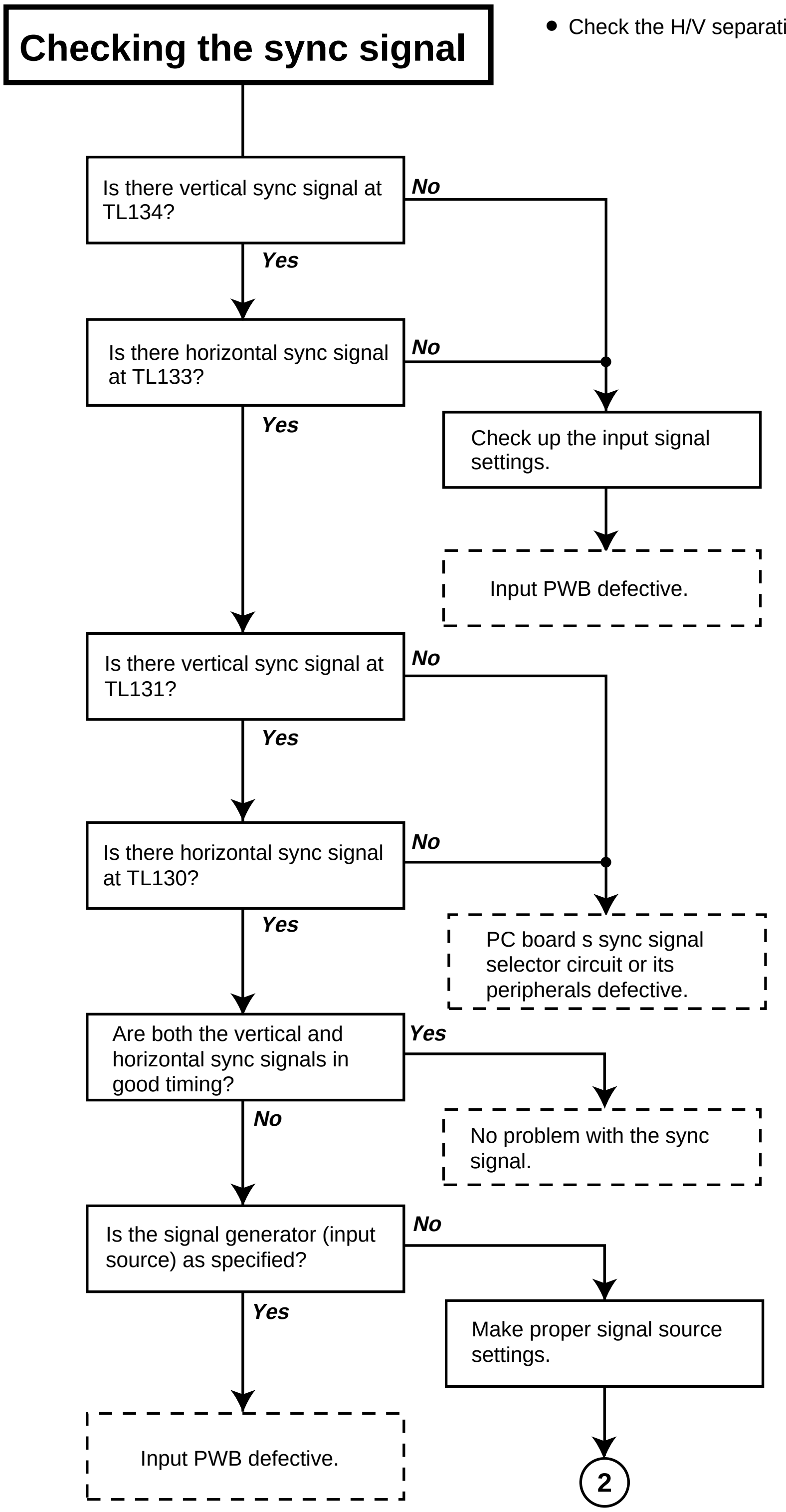

Check up the input signal settings.
Is there video signal at C77 land?
No
Input PWB defective.
Yes
Check the sync signal.
Yes
CVIC_IC or ADCÆEPLL circuit defective.

Checking the input signal settings


Are connector connections and input menu selection as specified?
No
Select the right ones.
2
Yes
Are connectors properly connected?
No
Reconnect the connectors.
1
Yes
Input signal settings completed.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-4

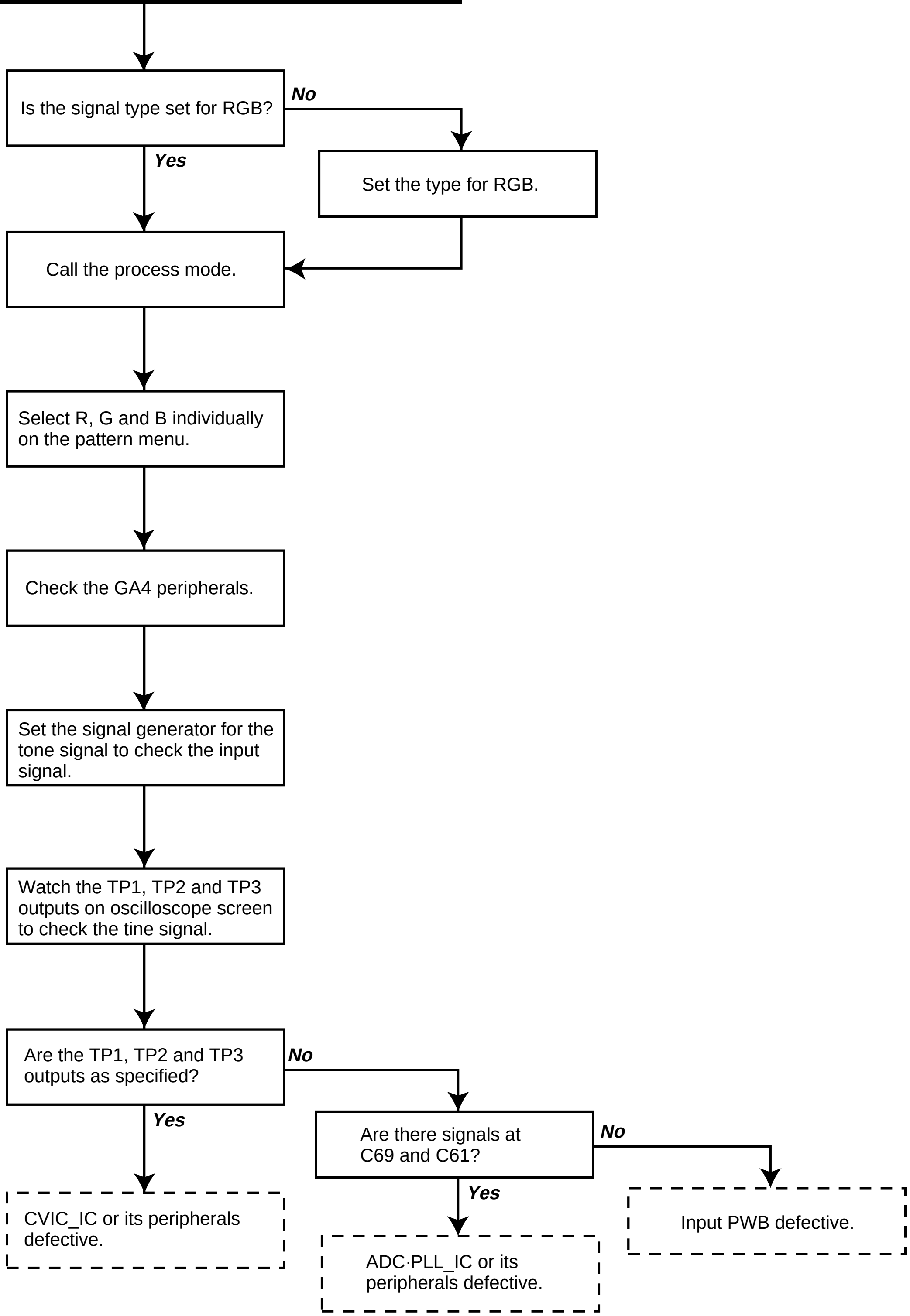
- Check the H/V separation type sync signal.


Checking the sync signal
Is there vertical sync signal at TL134?
No
Yes
Is there horizontal sync signal at TL133?
No
Yes
Check up the input signal settings.
Input PWB defective.
Is there vertical sync signal at TL131?
No
Yes
Is there horizontal sync signal at TL130?
No
Yes
PC board s sync signal selector circuit or its peripherals defective.
Are both the vertical and horizontal sync signals in good timing?
Yes
No
No problem with the sync signal.
Is the signal generator (input source) as specified?
No
Yes
Make proper signal source settings.
Input PWB defective.
2

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-5

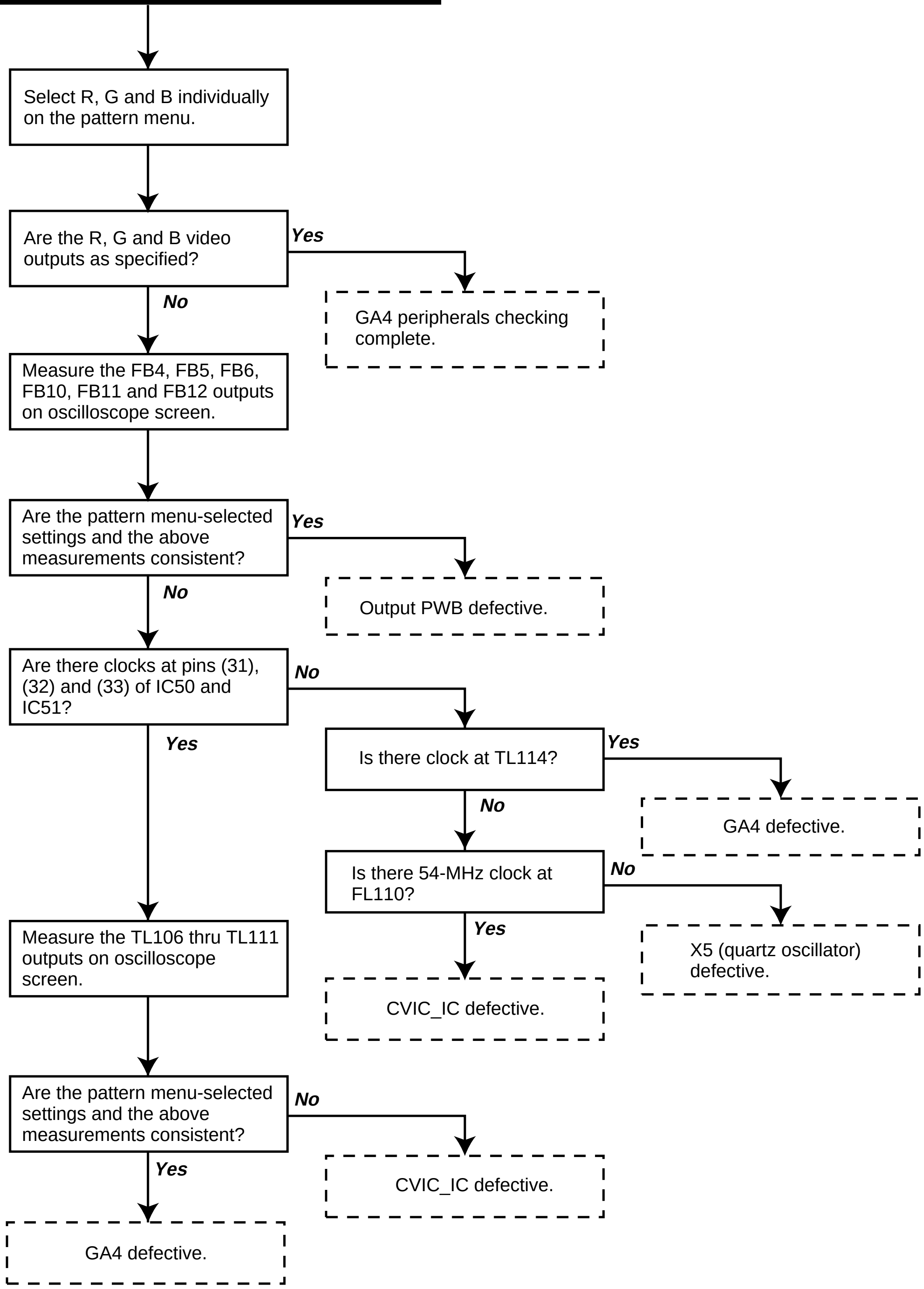
Checking the R, G and B colors

- Check the R, G and B (Y, Pb and Pr) colors.


Is the signal type set for RGB?
No
Set the type for RGB.
Yes
Call the process mode.
Select R, G and B individually on the pattern menu.
Check the GA4 peripherals.
Set the signal generator for the tone signal to check the input signal.
Watch the TP1, TP2 and TP3 outputs on oscilloscope screen to check the tine signal.
Are the TP1, TP2 and TP3 outputs as specified?
No
Yes
Are there signals at C69 and C61?
No
CVIC_IC or its peripherals defective.
Yes
Input PWB defective.
ADC·PLL_IC or its peripherals defective.

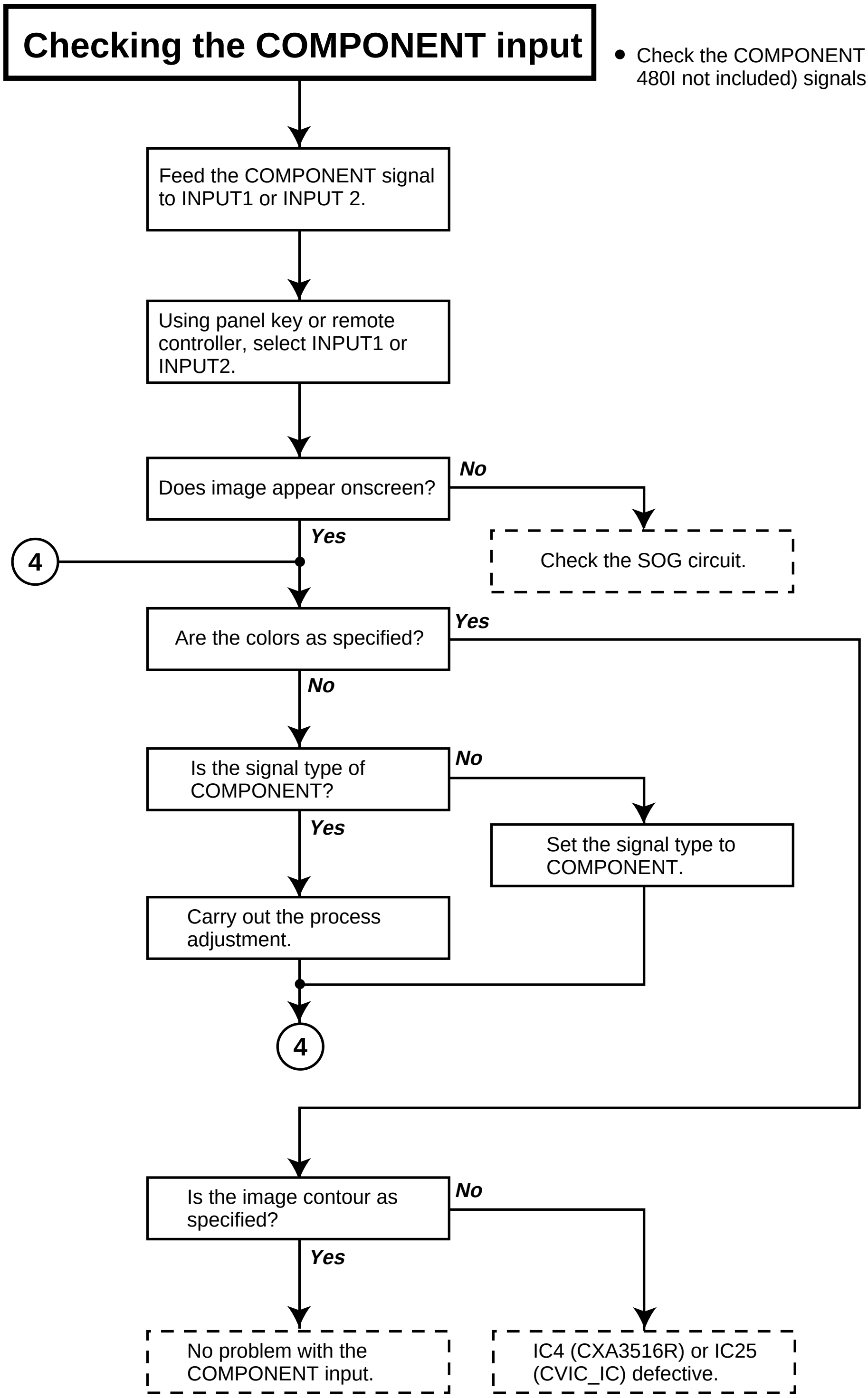
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-6

Checking the GA4 peripherals

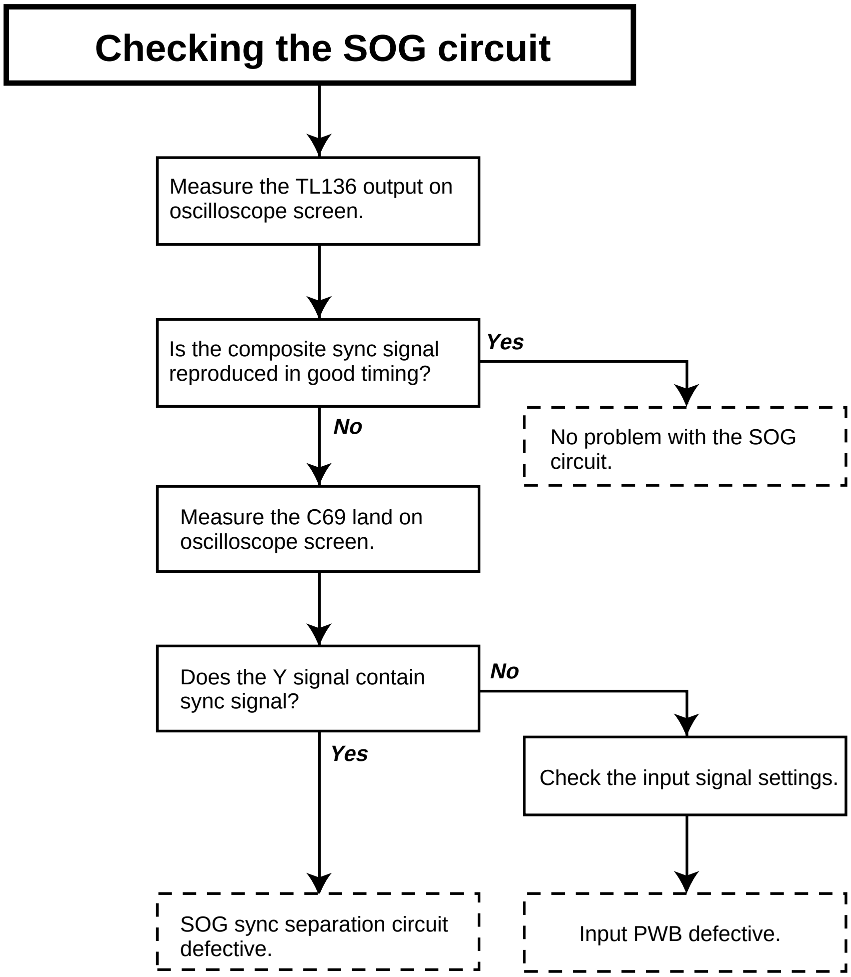

Select R, G and B individually on the pattern menu.
Are the R, G and B video outputs as specified?
Yes
GA4 peripherals checking complete.
No
Measure the FB4, FB5, FB6, FB10, FB11 and FB12 outputs on oscilloscope screen.
Are the pattern menu-selected settings and the above measurements consistent?
Yes
Output PWB defective.
No
Are there clocks at pins (31), (32) and (33) of IC50 and IC51?
No
Is there clock at TL114?
Yes
GA4 defective.
No
Is there 54-MHz clock at FL110?
No
X5 (quartz oscillator) defective.
Yes
CVIC_IC defective.
Yes
Measure the TL106 thru TL111 outputs on oscilloscope screen.
Are the pattern menu-selected settings and the above measurements consistent?
No
CVIC_IC defective.
Yes
GA4 defective.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-7

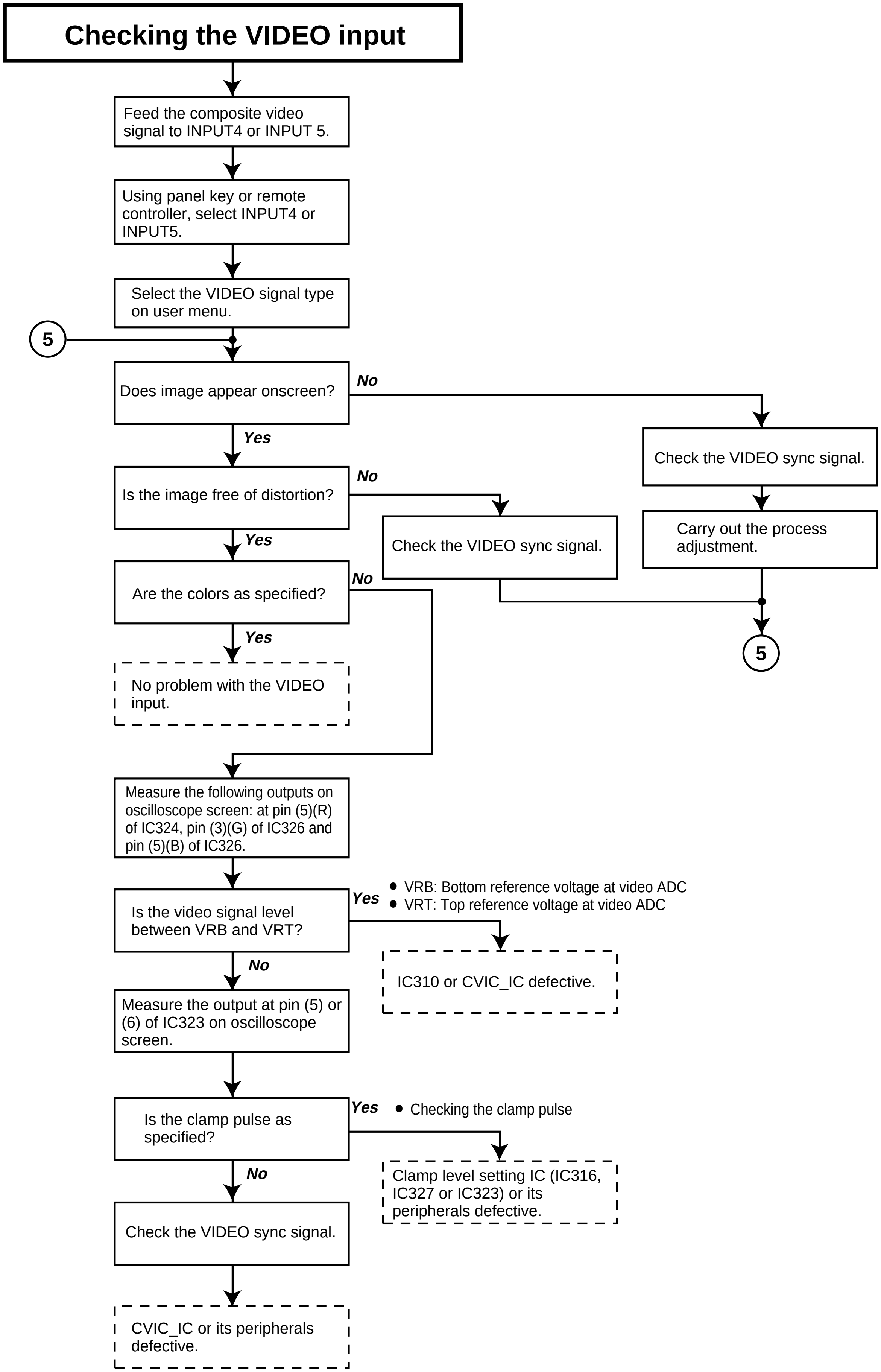
- Check the COMPONENT (1080I, 720P, 480P, etc.: 480I not included) signals.


Checking the COMPONENT input
Feed the COMPONENT signal to INPUT1 or INPUT 2.
Using panel key or remote controller, select INPUT1 or INPUT2.
Does image appear onscreen?
No
Check the SOG circuit.
Yes
4
Are the colors as specified?
Yes
No
Is the signal type of COMPONENT?
No
Set the signal type to COMPONENT.
Yes
Carry out the process adjustment.
4
Is the image contour as specified?
No
Yes
No problem with the COMPONENT input.
IC4 (CXA3516R) or IC25 (CVIC_IC) defective.

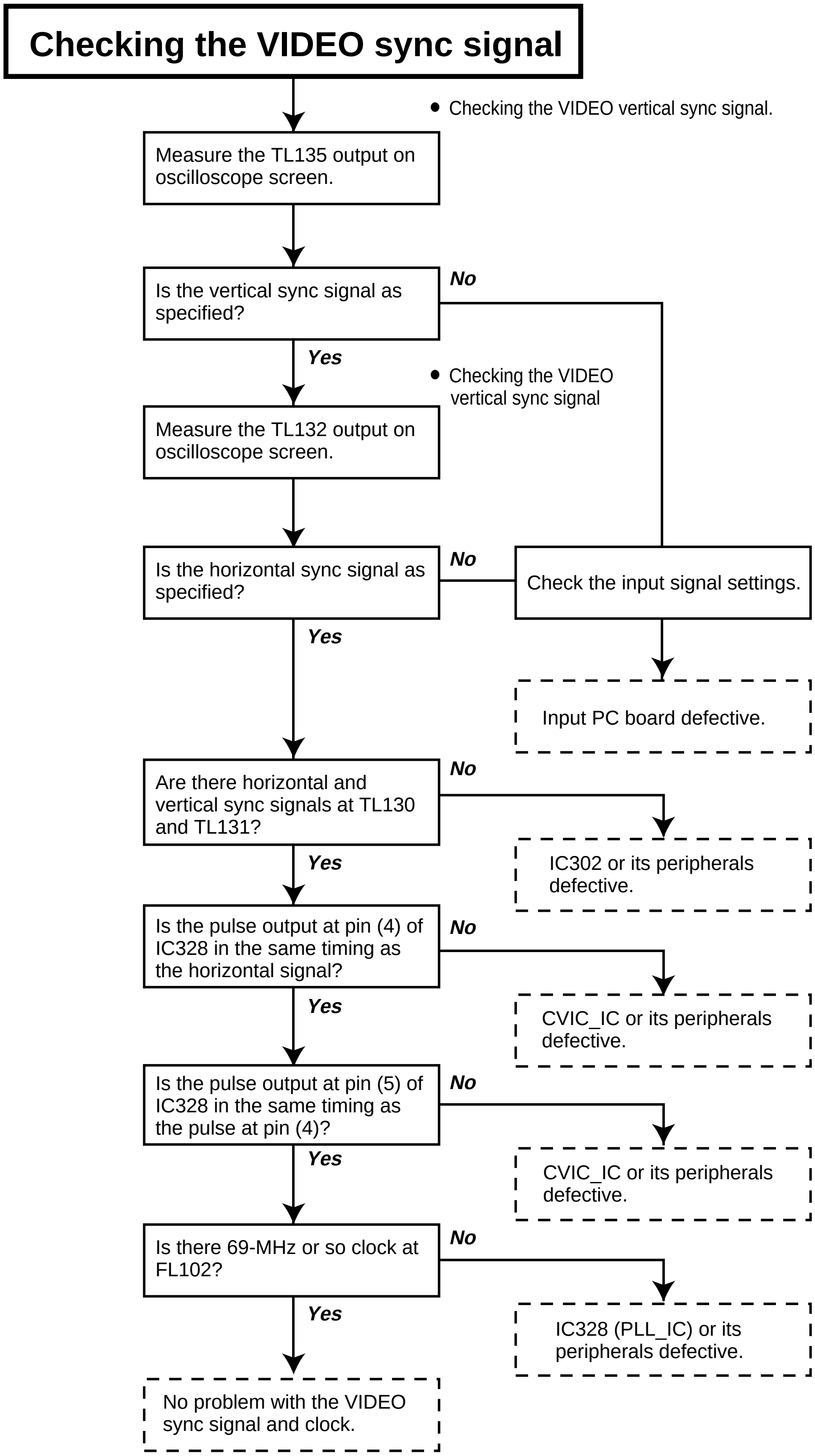
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-8


Checking the SOG circuit
Measure the TL136 output on oscilloscope screen.
Is the composite sync signal reproduced in good timing?
Yes
No problem with the SOG circuit.
No
Measure the C69 land on oscilloscope screen.
Does the Y signal contain sync signal?
No
Check the input signal settings.
Input PWB defective.
Yes
SOG sync separation circuit defective.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-9

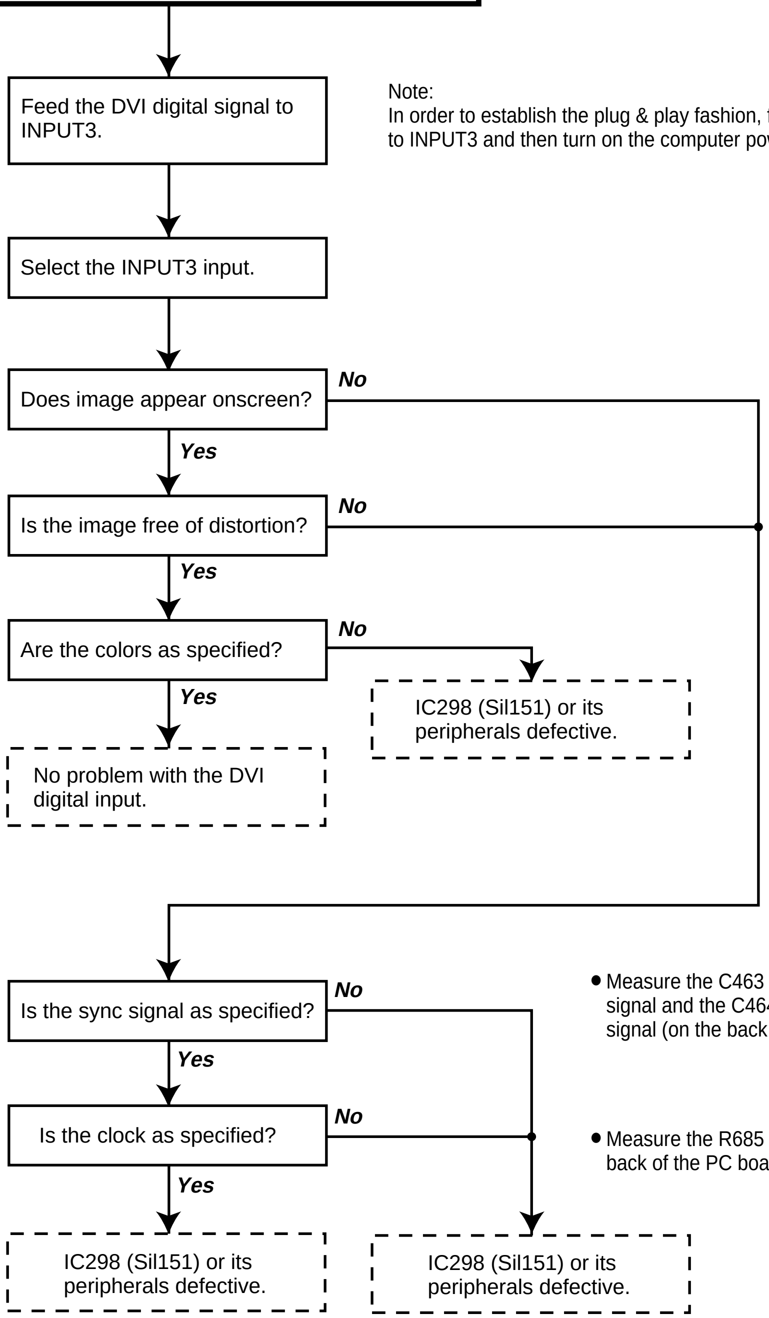

Checking the VIDEO input
Feed the composite video signal to INPUT4 or INPUT 5.
Using panel key or remote controller, select INPUT4 or INPUT5.
Select the VIDEO signal type on user menu.
5
Does image appear onscreen?
No
Yes
Check the VIDEO sync signal.
Carry out the process adjustment.
Is the image free of distortion?
No
Yes
Check the VIDEO sync signal.
Are the colors as specified?
No
Yes
5
No problem with the VIDEO input.
Measure the following outputs on oscilloscope screen: at pin (5)(R) of IC324, pin (3)(G) of IC326 and pin (5)(B) of IC326.
Is the video signal level between VRB and VRT?
Yes
• VRB: Bottom reference voltage at video ADC
• VRT: Top reference voltage at video ADC
IC310 or CVIC_IC defective.
No
Measure the output at pin (5) or (6) of IC323 on oscilloscope screen.
Is the clamp pulse as specified?
Yes
• Checking the clamp pulse
Clamp level setting IC (IC316, IC327 or IC323) or its peripherals defective.
No
Check the VIDEO sync signal.
CVIC_IC or its peripherals defective.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-10


Checking the VIDEO sync signal
● Checking the VIDEO vertical sync signal.
Measure the TL135 output on oscilloscope screen.
Is the vertical sync signal as specified?
No
Yes
● Checking the VIDEO vertical sync signal
Measure the TL132 output on oscilloscope screen.
Is the horizontal sync signal as specified?
No
Check the input signal settings.
Yes
Input PC board defective.
Are there horizontal and vertical sync signals at TL130 and TL131?
No
IC302 or its peripherals defective.
Yes
Is the pulse output at pin (4) of IC328 in the same timing as the horizontal signal?
No
CVIC_IC or its peripherals defective.
Yes
Is the pulse output at pin (5) of IC328 in the same timing as the pulse at pin (4)?
No
CVIC_IC or its peripherals defective.
Yes
Is there 69-MHz or so clock at FL102?
No
IC328 (PLL_IC) or its peripherals defective.
Yes
No problem with the VIDEO sync signal and clock.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-11

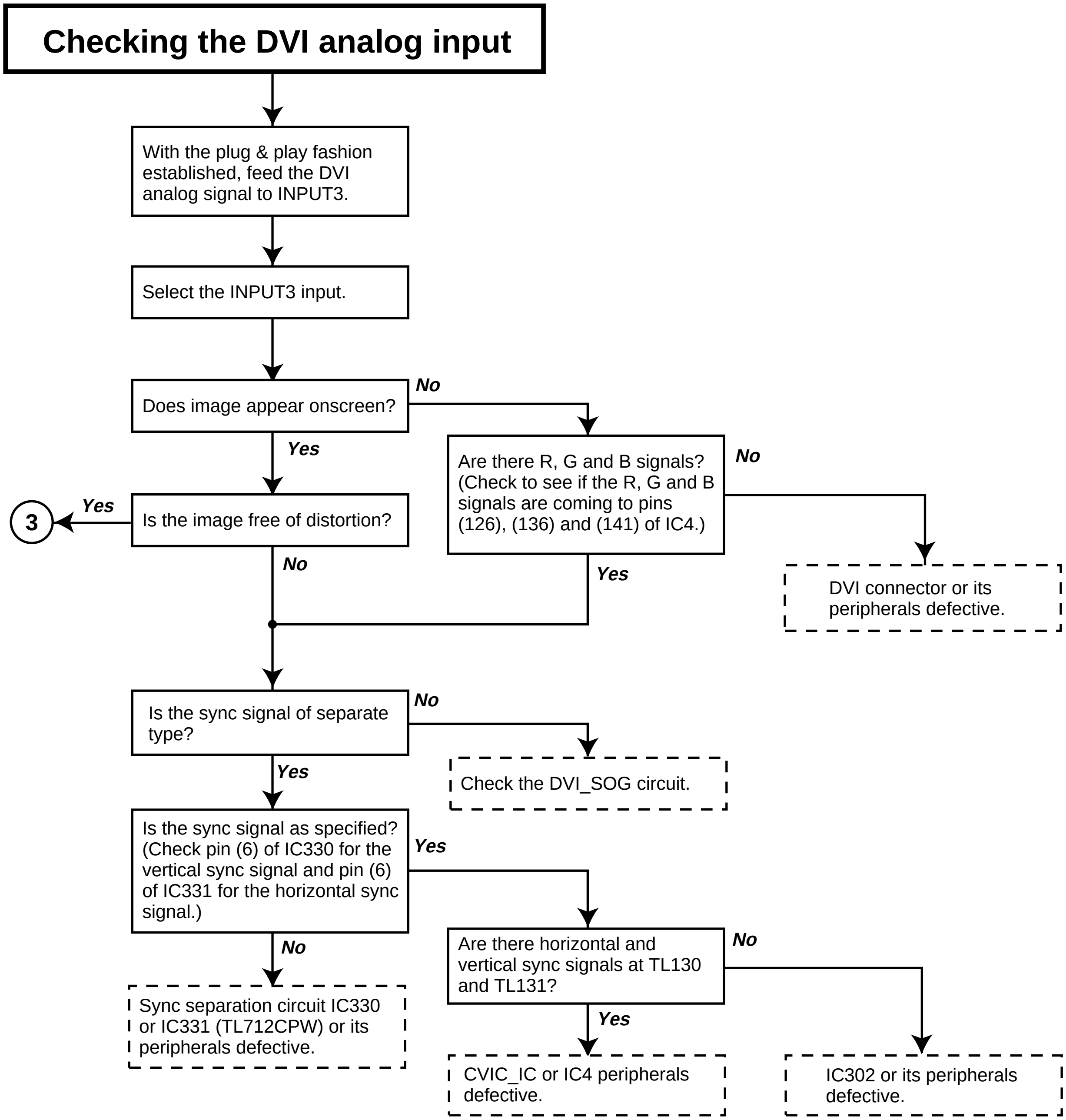
Checking the DVI digital input


Feed the DVI digital signal to INPUT3.
Select the INPUT3 input.
Does image appear onscreen?
No
Yes
Is the image free of distortion?
No
Yes
Are the colors as specified?
No
Yes
IC298 (Sil151) or its peripherals defective.
No problem with the DVI digital input.
Is the sync signal as specified?
No
Yes
Is the clock as specified?
No
Yes
IC298 (Sil151) or its peripherals defective.
IC298 (Sil151) or its peripherals defective.

Note:
In order to establish the plug & play fashion, first connect the cable to INPUT3 and then turn on the computer power (signal generator).

- Measure the C463 land for the vertical sync signal and the C464 land for the horizontal sync signal (on the back the PC board).
- Measure the R685 value for the clock (on the back of the PC board).

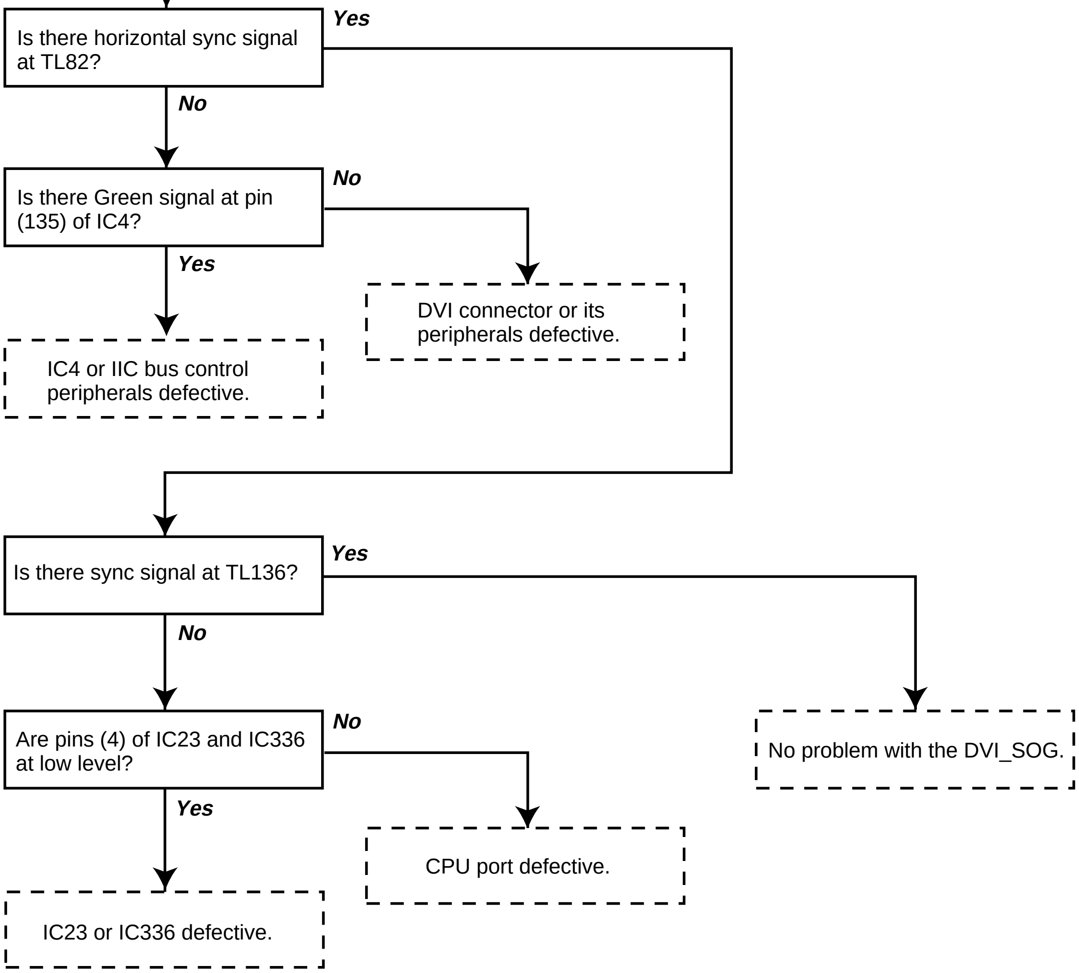
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-12


Checking the DVI analog input
With the plug & play fashion established, feed the DVI analog signal to INPUT3.
Select the INPUT3 input.
Does image appear onscreen?
No
Yes
Are there R, G and B signals? (Check to see if the R, G and B signals are coming to pins (126), (136) and (141) of IC4.)
No
Yes
DVI connector or its peripherals defective.
3
Yes
Is the image free of distortion?
No
Is the sync signal of separate type?
No
Check the DVI_SOG circuit.
Yes
Is the sync signal as specified? (Check pin (6) of IC330 for the vertical sync signal and pin (6) of IC331 for the horizontal sync signal.)
Yes
No
Sync separation circuit IC330 or IC331 (TL712CPW) or its peripherals defective.
Are there horizontal and vertical sync signals at TL130 and TL131?
No
Yes
CVIC_IC or IC4 peripherals defective.
IC302 or its peripherals defective.

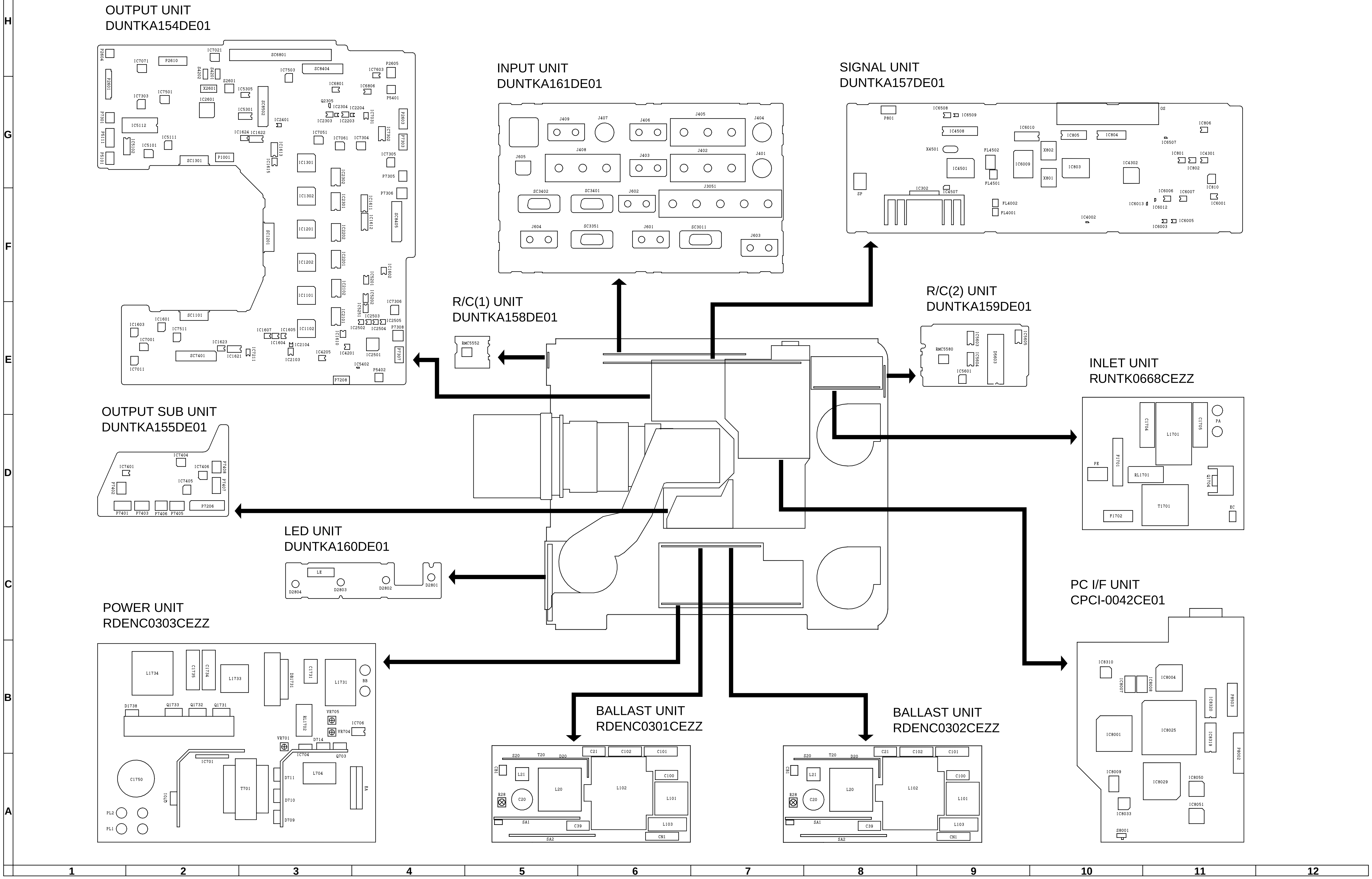
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-13

Checking the DVI_SOG

- The SOG component of the DVI analog signal is separated in the CXA3516R circuit. The Green signal is fed to the SOGIN2 terminal. The DVI SOG sync signal is selected by the bus switch (IC23).


Is there horizontal sync signal at TL82?
Yes
No
Is there Green signal at pin (135) of IC4?
No
Yes
DVI connector or its peripherals defective.
IC4 or IIC bus control peripherals defective.
Is there sync signal at TL136?
Yes
No
Are pins (4) of IC23 and IC336 at low level?
No
Yes
No problem with the DVI_SOG.
CPU port defective.
IC23 or IC336 defective.

CHASSIS LAYOUT


OUTPUT UNIT
DUNTKA154DE01
INPUT UNIT
DUNTKA161DE01
SIGNAL UNIT
DUNTKA157DE01
R/C(1) UNIT
DUNTKA158DE01
R/C(2) UNIT
DUNTKA159DE01
INLET UNIT
RUNTK0668CEZZ
OUTPUT SUB UNIT
DUNTKA155DE01
LED UNIT
DUNTKA160DE01
PC I/F UNIT
CPCI-0042CE01
POWER UNIT
RDENC0303CEZZ
BALLAST UNIT
RDENC0301CEZZ
BALLAST UNIT
RDENC0302CEZZ
H
G
F
E
D
C
B
A
1
2
3
4
5
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7
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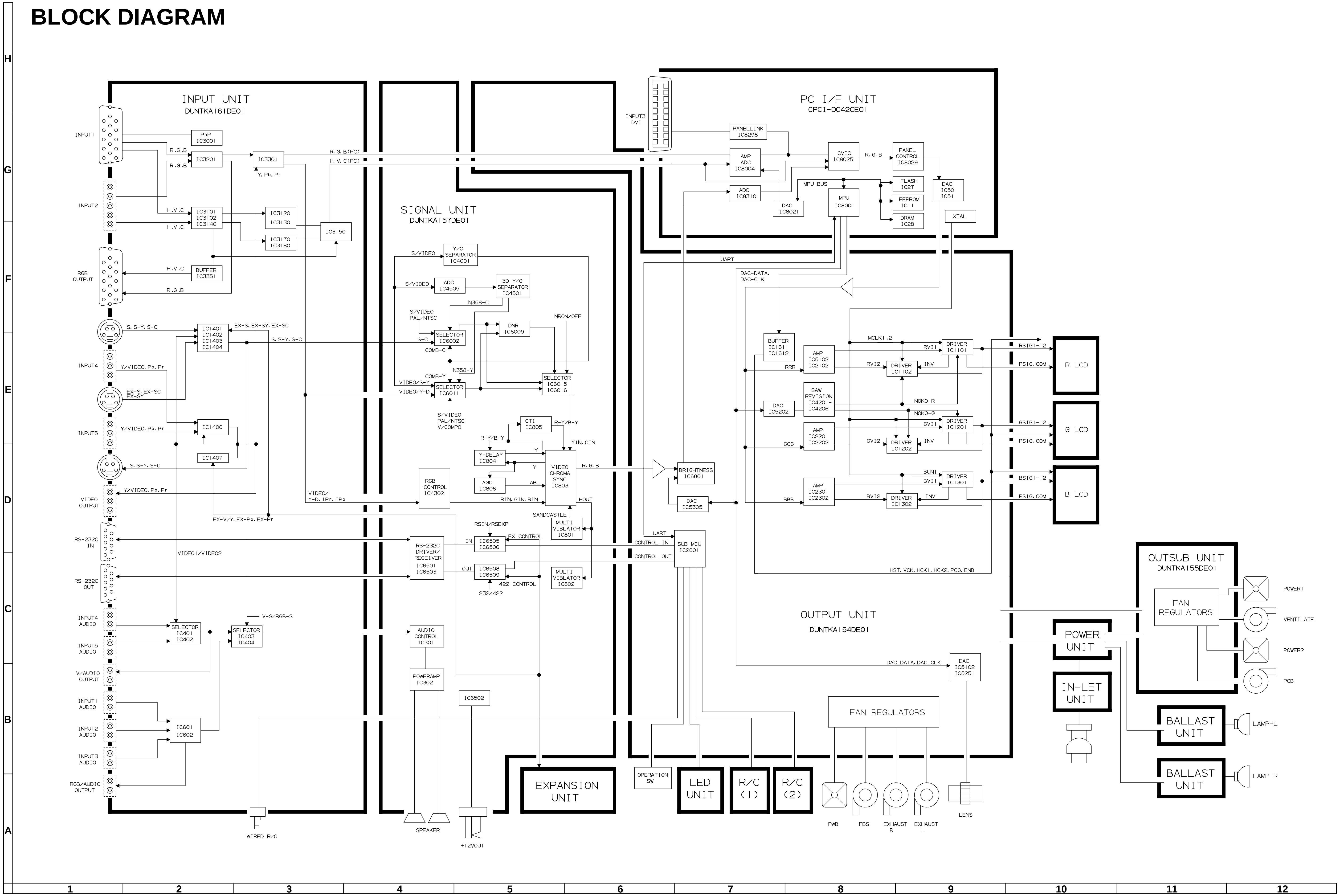
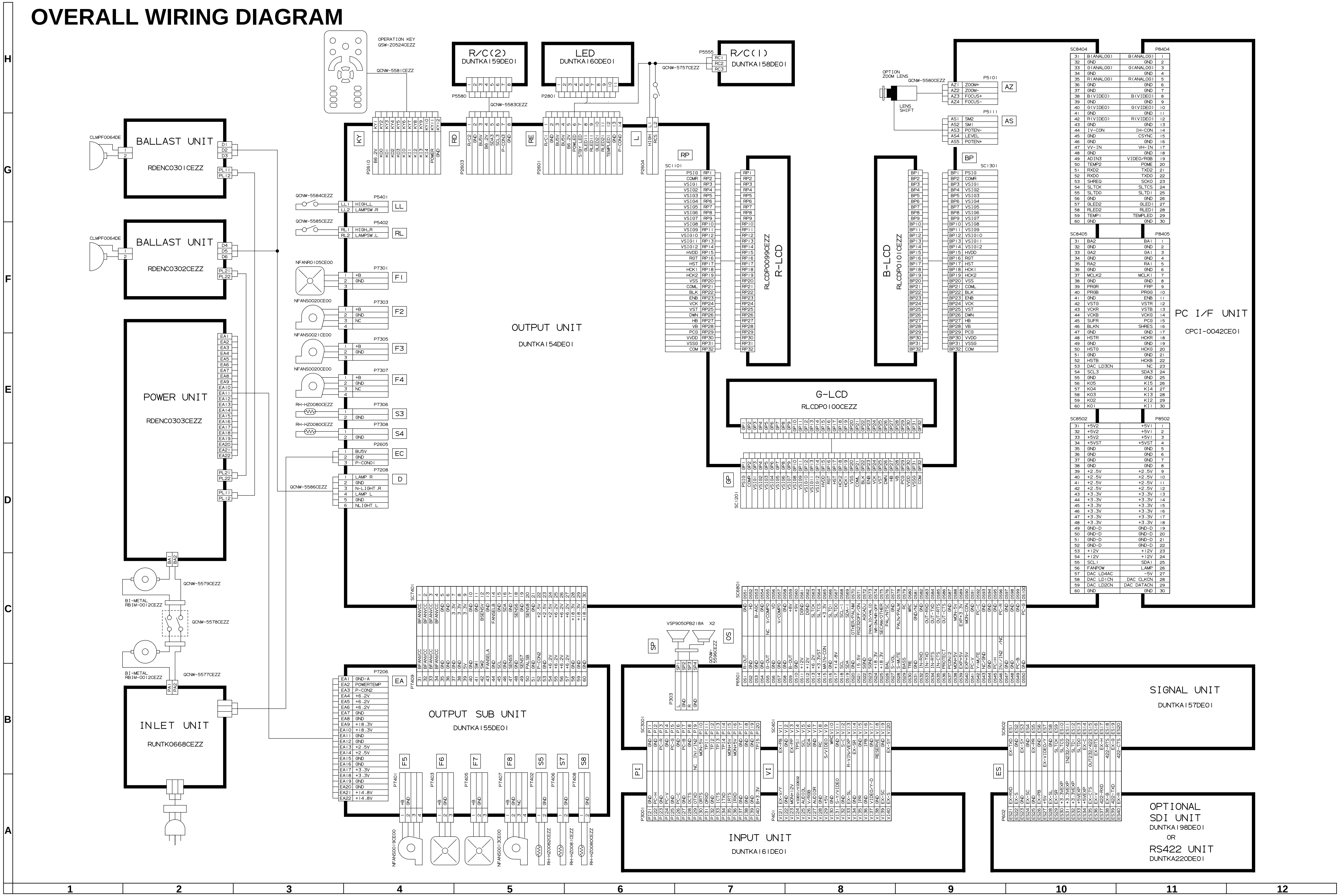
11
12

BLOCK DIAGRAM


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
INPUT UNIT
DUNTKA161DE01
SIGNAL UNIT
DUNTKA157DE01
PC I/F UNIT
CPCI-0042CE01
OUTPUT UNIT
DUNTKA154DE01
OUTSUB UNIT
DUNTKA155DE01
INPUT1
INPUT2
RGB OUTPUT
INPUT4
INPUT5
VIDEO OUTPUT
RS-232C IN
RS-232C OUT
INPUT4 AUDIO
INPUT5 AUDIO
V/AUDIO OUTPUT
INPUT1 AUDIO
INPUT2 AUDIO
INPUT3 AUDIO
RGB/AUDIO OUTPUT
PnP IC3001
IC3201
IC3301
IC3101 IC3102 IC3140
IC3120 IC3130
IC3170 IC3180
IC3150
BUFFER IC3351
IC1401 IC1402 IC1403 IC1404
IC1406
IC1407
R.G.B
H.V.C
R,G,B(PC)
H,V,C(PC)
Y,Pb,Pr
S,S-Y,S-C
EX-S,EX-SY,EX-SC
EX-S,EX-SC EX-SY
Y/VIDEO,Pb,Pr
EX-V/Y,EX-Pb,EX-Pr
VIDEO1/VIDEO2
VIDEO/ Y-D,IPr,IPb
SELECTOR IC401 IC402
SELECTOR IC403 IC404
V-S/RGB-S
IC601 IC602
WIRED R/C
S/VIDEO
Y/C SEPARATOR IC4001
ADC IC4505
3D Y/C SEPARATOR IC4501
N358-C
S/VIDEO PAL/NTSC
S-C
SELECTOR IC6002
COMB-C
DNR IC6009
NRON/OFF
N358-Y
COMB-Y
VIDEO/S-Y
VIDEO/Y-D
SELECTOR IC6011
SELECTOR IC6015 IC6016
S/VIDEO PAL/NTSC V/COMPO
CTI IC805
R-Y/B-Y
Y-DELAY IC804
Y
YIN,CIN
AGC IC806
ABL
VIDEO CHROMA SYNC IC803
R,G,B
RGB CONTROL IC4302
RIN,GIN,BIN
HOUT
SANDCASTLE
MULTI VIBLATOR IC801
MULTI VIBLATOR IC802
RSIN/RSEXP
IN
OUT
RS-232C DRIVER/ RECEIVER IC6501 IC6503
IC6505 IC6506
IC6508 IC6509
EX CONTROL
422 CONTROL
232/422
AUDIO CONTROL IC301
POWERAMP IC302
IC6502
SPEAKER
+12VOUT
EXPANSION UNIT
INPUT3 DVI
PANELLINK IC8298
AMP ADC IC8004
ADC IC8310
CVIC IC8025
R,G,B
PANEL CONTROL IC8029
MPU BUS
MPU IC8001
DAC IC8021
FLASH IC27
EEPROM IC11
DRAM IC28
DAC IC50 IC51
XTAL
UART
DAC-DATA, DAC-CLK
BUFFER IC1611 IC1612
RRR
GGG
BBB
AMP IC5102 IC2102
SAW REVISION IC4201- IC4206
DAC IC5202
AMP IC2201 IC2202
AMP IC2301 IC2302
MCLK1.2
RVI1
RVI2
INV
DRIVER IC1101
DRIVER IC1102
NOKO-R
NOKO-G
GVI1
GVI2
DRIVER IC1201
DRIVER IC1202
BUNI
BVI1
BVI2
DRIVER IC1301
DRIVER IC1302
RSIG1-12
PSIG.COM
GSIG1-12
BSIG1-12
R LCD
G LCD
B LCD
BRIGHTNESS IC6801
DAC IC5305
SUB MCU IC2601
CONTROL IN
CONTROL OUT
HST,VCK,HCK1,HCK2,PCG,ENB
DAC_DATA,DAC_CLK
DAC IC5102 IC5251
FAN REGULATORS
OPERATION SW
LED UNIT
R/C (1)
R/C (2)
PWB
PBS
EXHAUST R
EXHAUST L
LENS
POWER UNIT
IN-LET UNIT
FAN REGULATORS
POWER1
VENTILATE
POWER2
PCB
BALLAST UNIT
LAMP-L
BALLAST UNIT
LAMP-R

OVERALL WIRING DIAGRAM


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
OPERATION KEY
QSW-Z0524CEZZ
QCNW-5581CEZZ
R/C(2)
DUNTKA159DE01
P5580
QCNW-5583CEZZ
LED
DUNTKA160DE01
P2801
QCNW-5757CEZZ
P5555
R/C(1)
DUNTKA158DE01
KY
RD
RE
L
P2610
P2603
P2601
P2604
BALLAST UNIT
RDENC0301CEZZ
CLMPF0064DE
BALLAST UNIT
RDENC0302CEZZ
POWER UNIT
RDENC0303CEZZ
QCNW-5584CEZZ
P5401
LL
QCNW-5585CEZZ
P5402
RL
NFANR0105CE00
P7301
F1
NFANS0020CE00
P7303
F2
NFANS0021CE00
P7305
F3
NFANS0020CE00
P7307
F4
RH-HZ0080CEZZ
P7306
S3
RH-HZ0080CEZZ
P7308
S4
P2605
EC
P7208
D
QCNW-5586CEZZ
OUTPUT UNIT
DUNTKA154DE01
RP
SC1101
RLCDP0099CEZZ
R-LCD
B-LCD
RLCDP0101CEZZ
BP
SC1301
G-LCD
RLCDP0100CEZZ
GP
SC1201
OPTION
ZOOM LENS
QCNW-5580CEZZ
LENS SHIFT
P5101
AZ
P5111
AS
SC8404
P8404
SC8405
P8405
SC8502
P8502
PC I/F UNIT
CPCI-0042CE01
QCNW-5579CEZZ
BI-METAL
RBIM-0012CEZZ
QCNW-5578CEZZ
BI-METAL
RBIM-0012CEZZ
QCNW-5577CEZZ
INLET UNIT
RUNTK0668CEZZ
SC7401
P7409
P7206
EA
OUTPUT SUB UNIT
DUNTKA155DE01
F5
F6
F7
F8
S5
S7
S8
P7401
P7403
P7405
P7407
P7402
P7406
P7408
NFANS0019CE00
NFANS0013CE00
RH-HZ0082CEZZ
RH-HZ0081CEZZ
RH-HZ0080CEZZ
VSP9050PB218A X2
SP
QCNW-5596CEZZ
P303
OS
SC6801
P6501
SIGNAL UNIT
DUNTKA157DE01
SC3001
P3001
P1
SC401
P401
V1
INPUT UNIT
DUNTKA161DE01
SC602
P602
ES
OPTIONAL
SDI UNIT
DUNTKA198DE01
OR
RS422 UNIT
DUNTKA220DE01

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
   (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
   (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid Ⓦ: Cement
   Ⓢ: Oxide Film Ⓣ: Special
   Ⓝ: Metal Coating

CAPACITOR

1. All capacitors are µF, unless otherwise noted.
   (P=pF=µµF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.
   (ML): Mylar (TA): Tantalum
   (PF): Polypro Film (ST): Styrol

CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

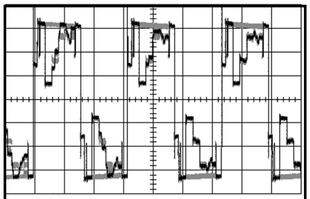
SAFETY NOTES:

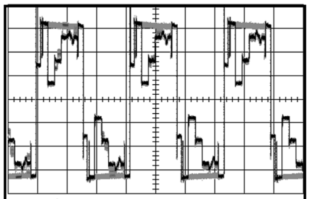
1. ***DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.***
2. ***SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.***

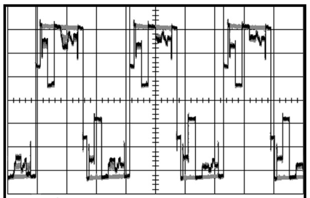
IMPORTANT SAFETY NOTICE:

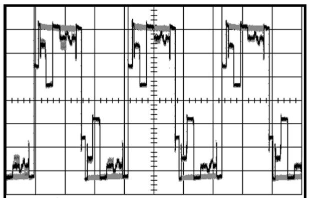
PARTS MARKED WITH "⚠" (▨) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

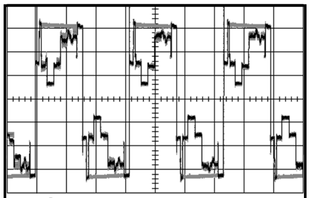
WAVEFORMS

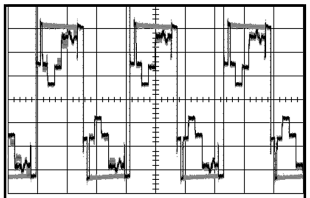

① SC1101 13-pin
(RSIG11)
H : 10µsec/div
V : 2V/div

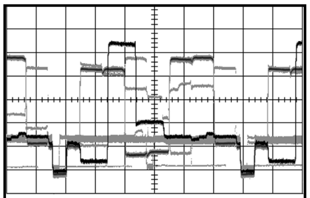

② SC1101 11-pin
(RSIG9)
H : 10µsec/div
V : 2V/div

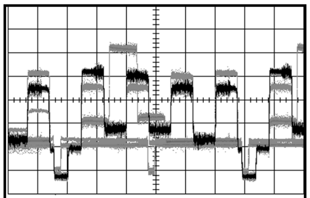

③ SC1201 13-pin
(GSIG11)
H : 10µsec/div
V : 2V/div

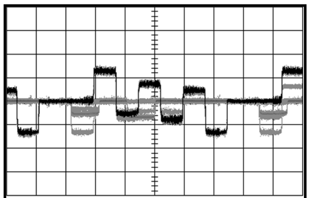

④ SC1201 11-pin
(GSIG9)
H : 10µsec/div
V : 2V/div

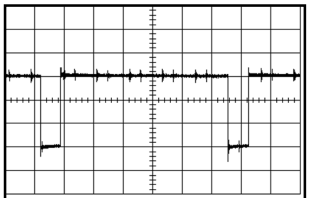

⑤ SC1301 13-pin
(BSIG11)
H : 10µsec/div
V : 2V/div

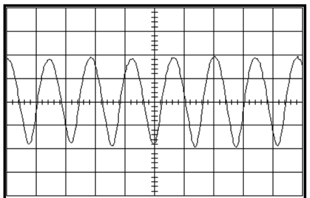

⑥ SC1301 11-pin
(BSIG9)
H : 10µsec/div
V : 2V/div

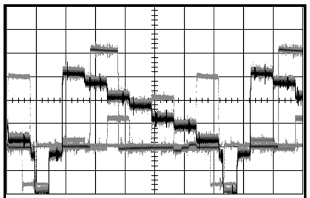

⑦ P801 1-pin
(R)
H : 10µsec/div
V : 0.5V/div

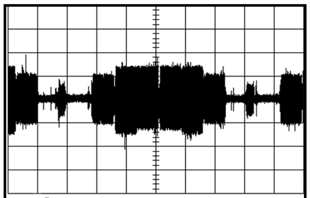

⑧ P801 2-pin
(B)
H : 10µsec/div
V : 0.5V/div

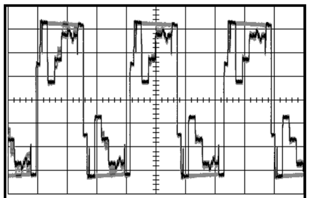

⑨ P801 4-pin
(B-Y)
H : 10µsec/div
V : 0.5V/div

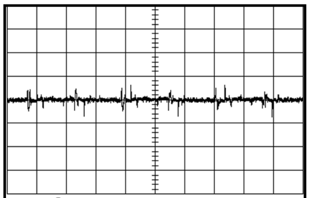

⑩ IC802 9-pin
(HD)
H : 10µsec/div
V : 2V/div

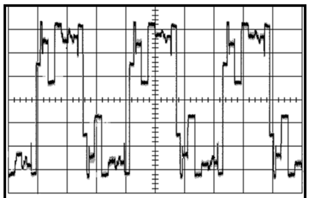

⑪ Q6003 Emitter
(4FSC)
H : 50nsec/div
V : 1V/div

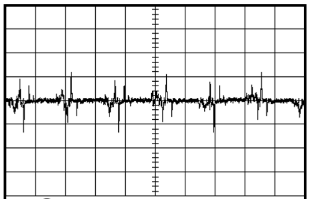

⑫ IC803 21-pin
(Y-signal)
H : 10µsec/div
V : 200mV/div

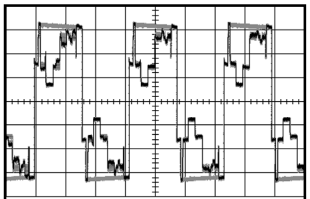

⑬ IC803 20-pin
(CHROMA signal)
H : 10µsec/div
V : 200mV/div

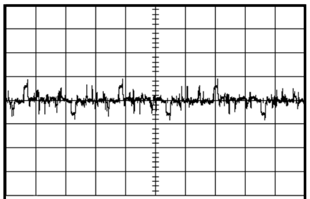

⑭ P1001 1-pin
(TPR1)
H : 10µsec/div
V : 2V/div


⑮ P1001 2-pin
(TPR2)
H : 10µsec/div
V : 2V/div

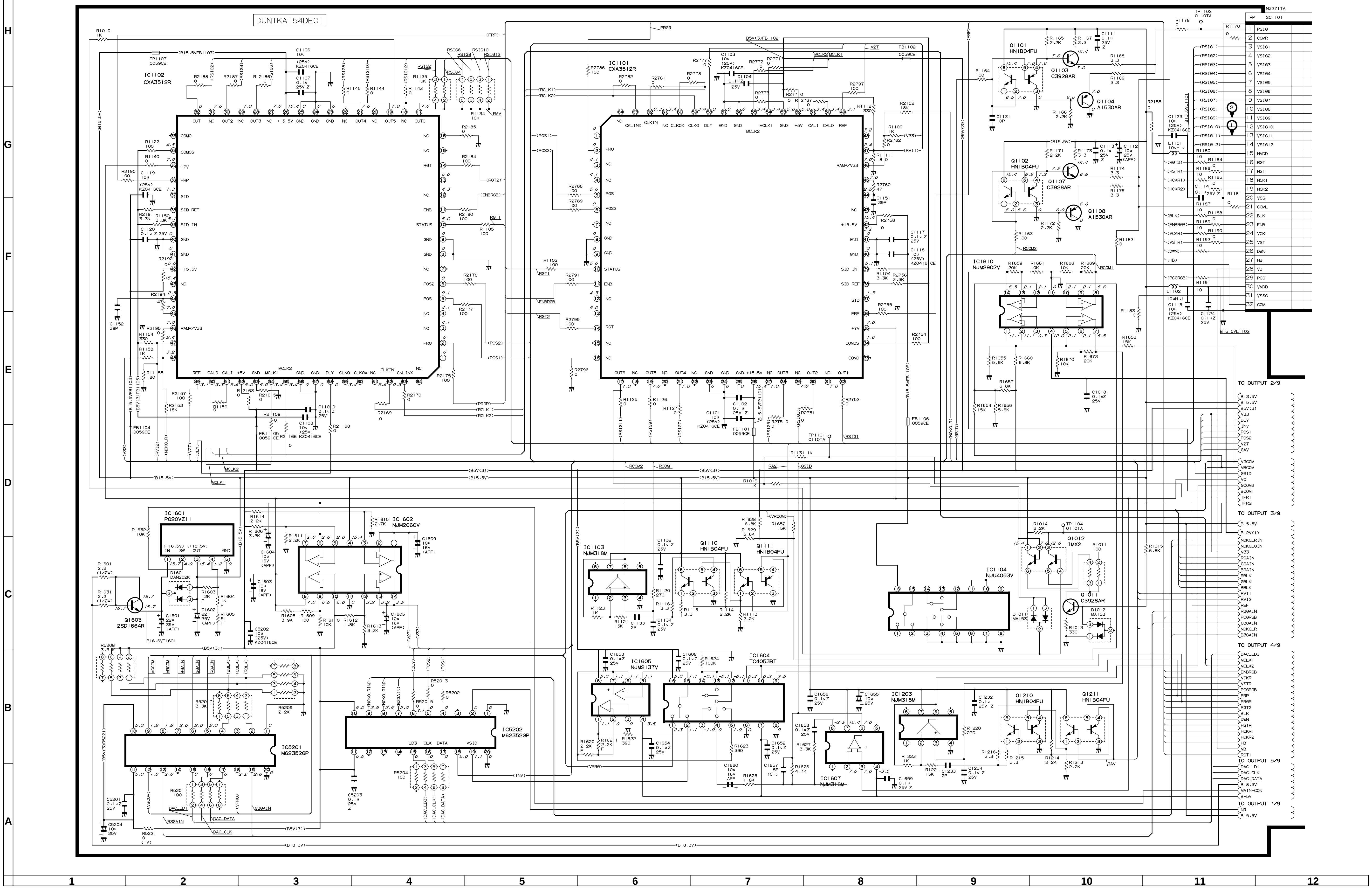

⑯ P1001 3-pin
(TPG1)
H : 10µsec/div
V : 2V/div


⑰ P1001 4-pin
(TPG2)
H : 10µsec/div
V : 2V/div

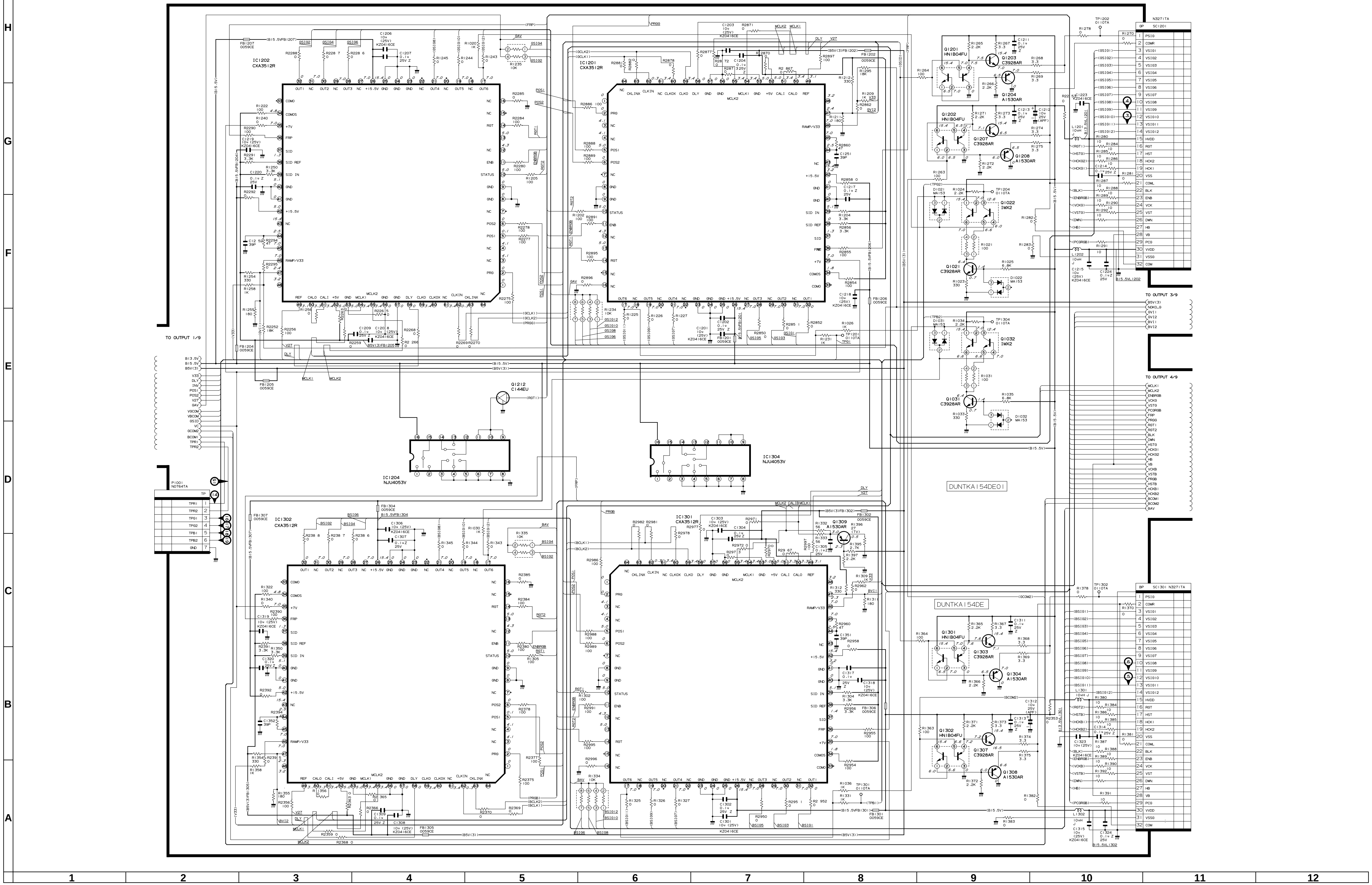

⑱ P1001 5-pin
(TPB1)
H : 10µsec/div
V : 2V/div


⑲ P1001 6-pin
(TPB2)
H : 10µsec/div
V : 2V/div

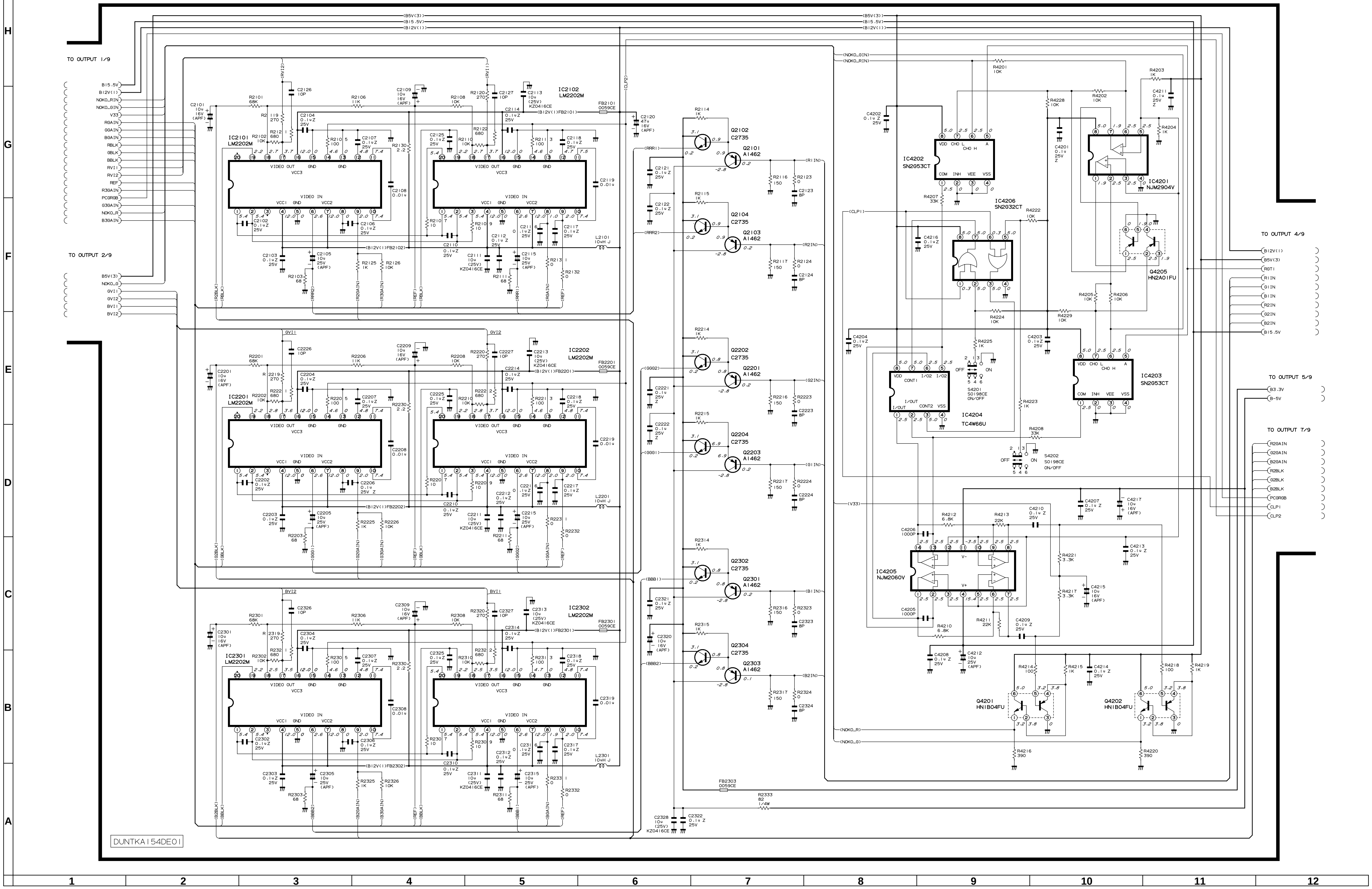
■ OUTPUT UNIT-1/9


DUNTKA154DE01
IC1102
CXA3512R
IC1101
CXA3512R
Q1101
HN1B04FU
Q1103
C3928AR
Q1104
A1530AR
Q1102
HN1B04FU
Q1107
C3928AR
Q1108
A1530AR
IC1610
NJM2902V
IC1601
PQ20VZ11
IC1602
NJM2060V
Q1603
2SD1664R
D1601
DAN202K
IC1103
NJM318M
Q1110
HN1B04FU
Q1111
HN1B04FU
IC1104
NJU4053V
Q1012
IMX2
Q1011
C3928AR
D1011
MA153
D1012
MA153
IC1605
NJM2137V
IC1604
TC4053BT
IC1203
NJM318M
Q1210
HN1B04FU
Q1211
HN1B04FU
IC1607
NJM318M
IC5202
M62352GP
IC5201
M62352GP
TP1101
TP1102
TP1104
N3271TA
RP SC1101
1 PSIG
2 COMR
3 VSIG1
4 VSIG2
5 VSIG3
6 VSIG4
7 VSIG5
8 VSIG6
9 VSIG7
10 VSIG8
11 VSIG9
12 VSIG10
13 VSIG11
14 VSIG12
15 HVDD
16 RGT
17 HST
18 HCK1
19 HCK2
20 VSS
21 COML
22 BLK
23 ENB
24 VCK
25 VST
26 DWN
27 HB
28 VB
29 PCG
30 VVDD
31 VSSG
32 COM
TO OUTPUT 2/9
B13.5V
B15.5V
B5V(3)
V33
DLY
INV
POS1
POS2
V27
SAV
TO OUTPUT 3/9
VGCOM
VBCOM
GSID
VC
GCOM2
BCOM1
TPR1
TPR2
TO OUTPUT 4/9
B15.5V
B12V(1)
NOKO_RIN
NOKO_GIN
V33
R0AIN
G0AIN
BGAIN
RBLK
GBLK
BBLK
RV11
RV12
REF
R3GAIN
PCGRGB
G3GAIN
NOKO_R
B3GAIN
TO OUTPUT 5/9
DAC_LD3
MCLK1
MCLK2
ENBRGB
VCKR
VSTR
PCGRGB
FRP
PRGR
RGT2
BLK
DWN
HSTR
HCKR1
HCKR2
HB
VB
RGT1
TO OUTPUT 5/9
DAC_LD1
DAC_CLK
DAC_DATA
B18.3V
MAIN-CON
B-5V
TO OUTPUT 7/9
NR
B15.5V
1
2
3
4
5
6
7
8
9
10
11
12
A
B
C
D
E
F
G
H

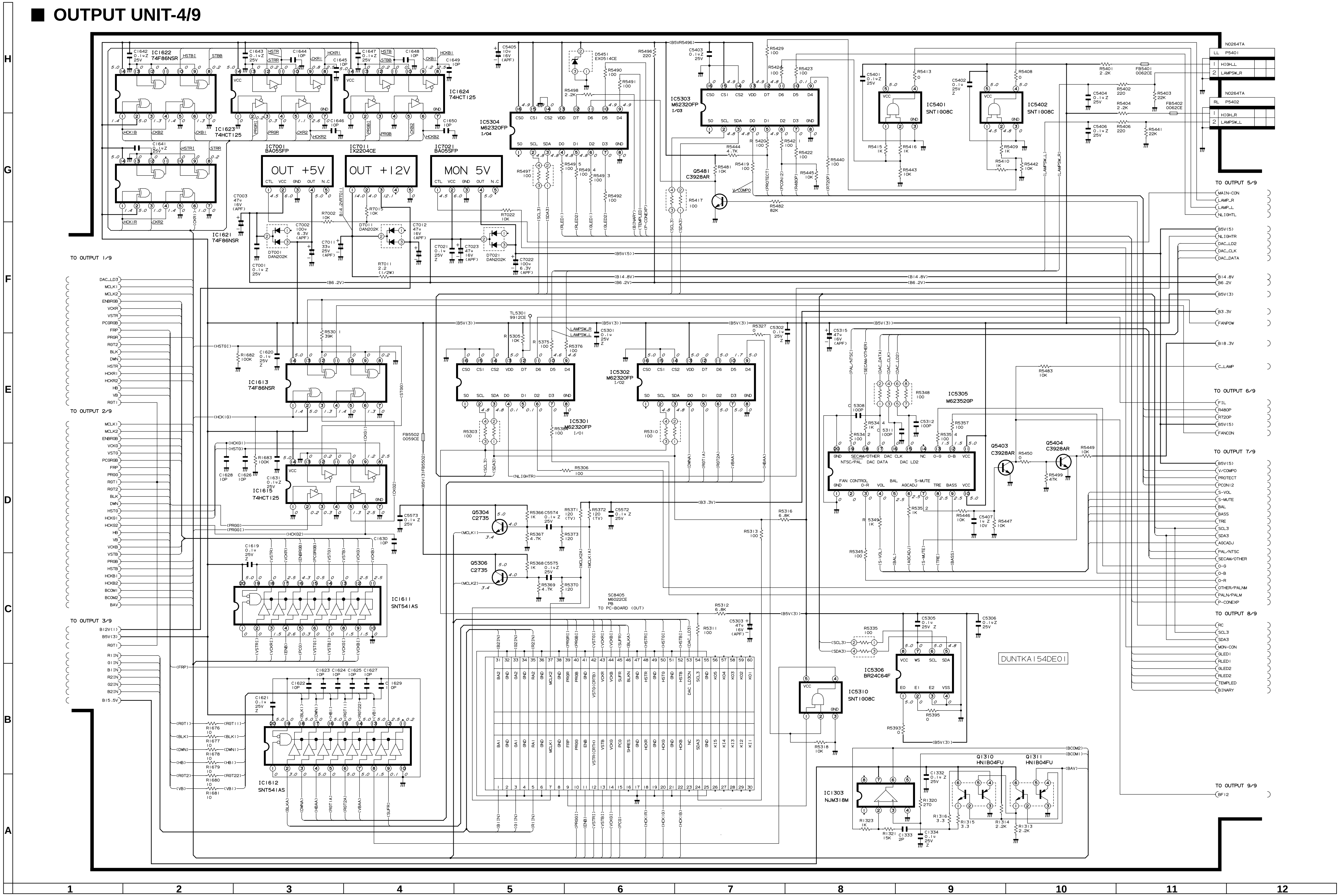
■ OUTPUT UNIT-2/9


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
IC1202
CXA3512R
IC1201
CXA3512R
IC1302
CXA3512R
IC1301
CXA3512R
IC1204
NJU4053V
IC1304
NJU4053V
Q1212
C144EU
Q1201
HN1B04FU
Q1203
C3928AR
Q1204
A1530AR
Q1202
HN1B04FU
Q1207
C3928AR
Q1208
A1530AR
Q1022
IMX2
Q1021
C3928AR
Q1032
IMX2
Q1031
C3928AR
Q1309
A1530AR
Q1301
HN1B04FU
Q1303
C3928AR
Q1304
A1530AR
Q1302
HN1B04FU
Q1307
C3928AR
Q1308
A1530AR
TO OUTPUT 1/9
TO OUTPUT 3/9
TO OUTPUT 4/9
DUNTKA154DE01
DUNTKA154DE
SC1201 N327ITA
SC1301 N327ITA
P1001
N0764TA
TP
TPR1
TPR2
TPG1
TPG2
TPB1
TPB2
GND
B13.5V
B15.5V
B5V(3)
V33
DLY
INV
POS1
POS2
V27
GAV
VGCOM
VBCOM
GSID
VC
BCOM2
BCOM1
TPR1
TPR2

■ OUTPUT UNIT-3/9


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
TO OUTPUT 1/9
TO OUTPUT 2/9
TO OUTPUT 4/9
TO OUTPUT 5/9
TO OUTPUT 7/9
(B5V(3))
(B15.5V)
(B12V(1))
(NOKO_GIN)
(NOKO_RIN)
B15.5V
B12V(1)
NOKO_RIN
NOKO_GIN
V33
RGAIN
GGAIN
BGAIN
RBLK
GBLK
BBLK
RVI1
RVI2
REF
R3GAIN
PCGRGB
G3GAIN
NOKO_R
B3GAIN
B5V(3)
NOKO_G
GVI1
GVI2
BVI1
BVI2
B12V(1)
B5V(3)
RGT1
R1IN
G1IN
B1IN
R2IN
G2IN
B2IN
B15.5V
B3.3V
B-5V
R2GAIN
G2GAIN
B2GAIN
R2BLK
G2BLK
B2BLK
PCGRGB
CLP1
CLP2
IC2101
LM2202M
IC2102
LM2202M
IC2201
LM2202M
IC2202
LM2202M
IC2301
LM2202M
IC2302
LM2202M
VIDEO OUT
VCC3
GND
VIDEO IN
VCC1
VCC2
Q2101
A1462
Q2102
C2735
Q2103
A1462
Q2104
C2735
Q2201
A1462
Q2202
C2735
Q2203
A1462
Q2204
C2735
Q2301
A1462
Q2302
C2735
Q2303
A1462
Q2304
C2735
IC4201
NJM2904V
IC4202
SN2053CT
IC4203
SN2053CT
IC4204
TC4W66U
IC4205
NJM2060V
IC4206
SN2032CT
Q4201
HN1B04FU
Q4202
HN1B04FU
Q4205
HN2A01FU
S4201
S0198CE
ON/OFF
S4202
S0198CE
ON/OFF
FB2101
0059CE
FB2201
0059CE
FB2301
0059CE
FB2303
0059CE
L2101
10uH J
L2201
10uH J
L2301
10uH J
R2333
82
1/4W
C2328
10u
(25V)
KZ0416CE
C2322
0.1u Z
25V
DUNTKA154DE01

■ OUTPUT UNIT-4/9


IC1622 74F86NSR
IC1623 74HCT125
IC1624 74HCT125
IC1621 74F86NSR
IC7001 BA05SFP OUT +5V
IC7011 IX2204CE OUT +12V
IC7021 BA05SFP MON 5V
IC5304 M62320FP I/04
IC5303 M62320FP I/03
IC5401 SN71G08C
IC5402 SN71G08C
Q5481 C3928AR
TO OUTPUT 1/9
TO OUTPUT 2/9
TO OUTPUT 3/9
TO OUTPUT 5/9
TO OUTPUT 6/9
TO OUTPUT 7/9
TO OUTPUT 8/9
TO OUTPUT 9/9
IC1613 74F86NSR
IC1615 74HCT125
IC5301 M62320FP I/01
IC5302 M62320FP I/02
IC5305 M623520P
Q5403 C3928AR
Q5404 C3928AR
Q5304 C2735
Q5306 C2735
IC1611 SN7541AS
IC1612 SN7541AS
SC8405 M6022CE PB TO PC-BOARD (OUT)
IC5306 BR24C64F
IC5310 SN71G08C
IC1303 NJM318M
Q1310 HN1B04FU
Q1311 HN1B04FU
DUNTKA154DE01
N0264TA
P5401
P5402
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
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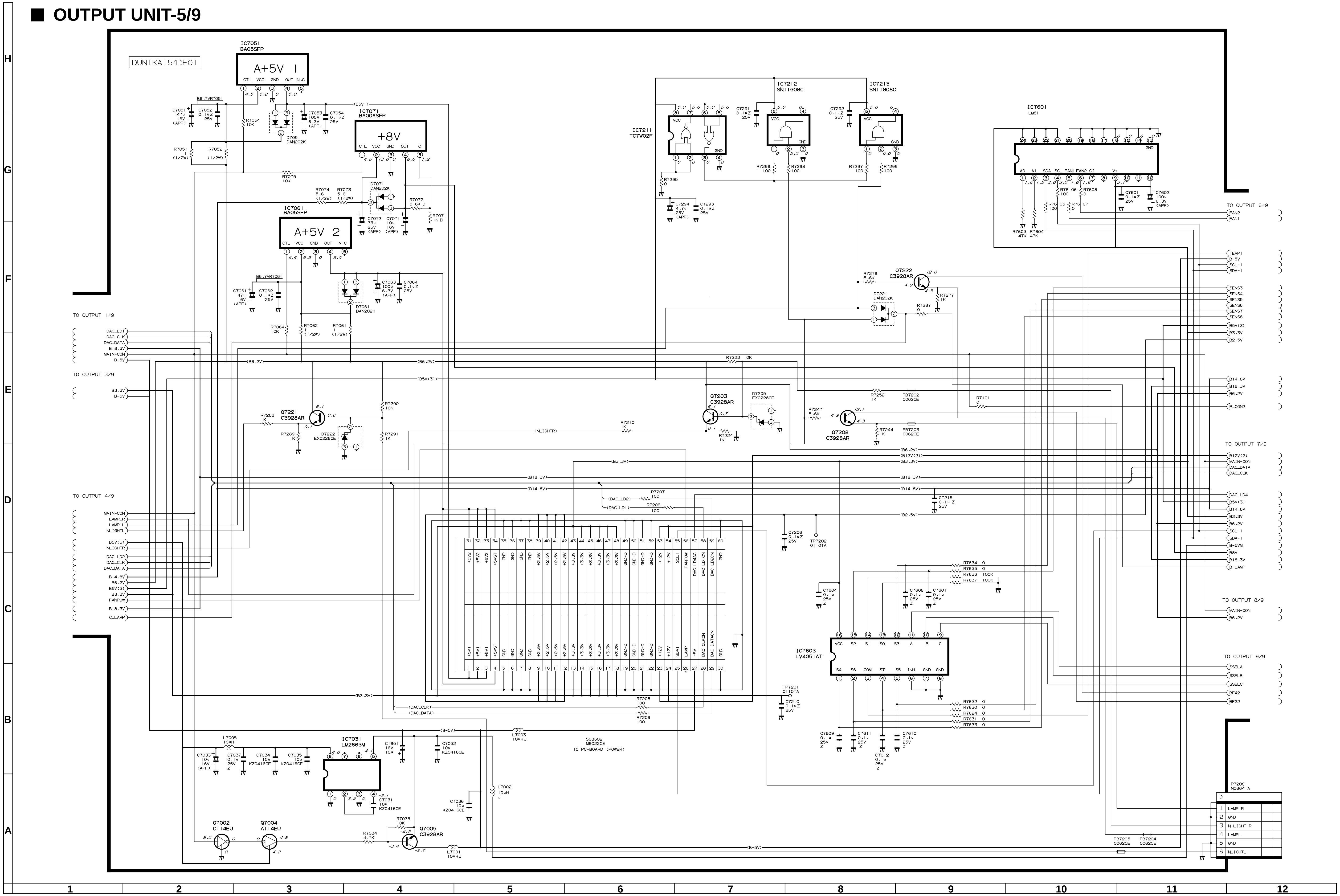
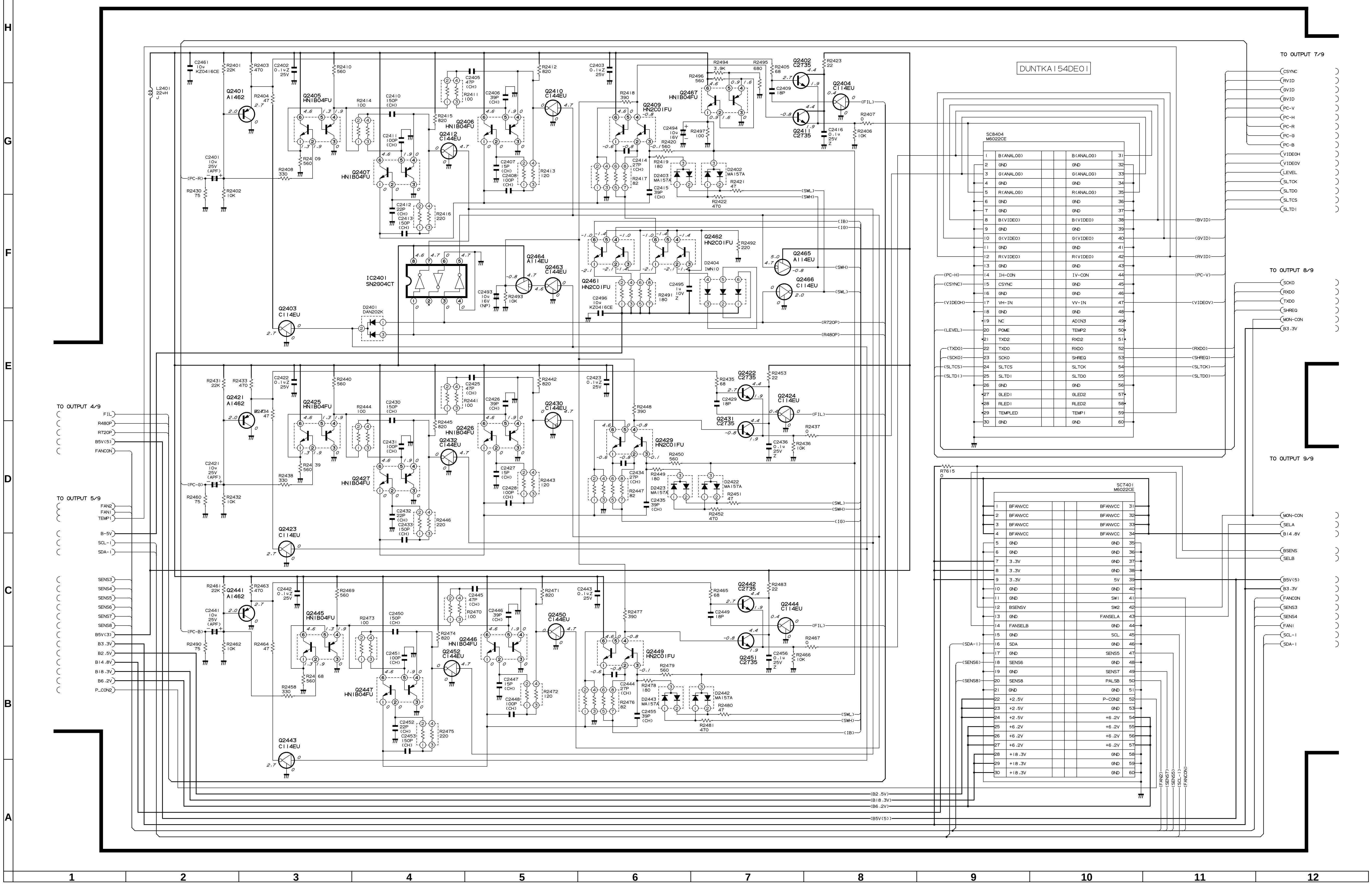
9
10
11
12

■ OUTPUT UNIT-5/9


DUNTKA154DE01
IC7051 BA05SFP
A+5V 1
CTL VCC GND OUT N.C
IC7071 BA00ASFP
+8V
CTL VCC GND OUT C
IC7061 BA05SFP
A+5V 2
CTL VCC GND OUT N.C
D7051 DAN202K
D7071 DAN202K
D7061 DAN202K
B6.TVR7051
B6.TVR7061
C7051 47u 16V (APF)
C7052 0.1uZ 25V
C7053 100u 6.3V (APF)
C7054 0.1uZ 25V
R7054 10K
R7051 1 (1/2W)
R7052 1 (1/2W)
R7075 10K
R7074 5.6 (1/2W)
R7073 5.6 (1/2W)
R7072 5.6K D
R7071 1K D
C7072 33u 25V (APF)
C7071 10u 16V (APF)
C7061 47u 16V (APF)
C7062 0.1uZ 25V
C7063 100u 6.3V (APF)
C7064 0.1uZ 25V
R7064 10K
R7062 1 (1/2W)
R7061 1 (1/2W)
IC7211 TC7W02F
IC7212 SNT1G08C
IC7213 SNT1G08C
C7291 0.1uZ 25V
C7292 0.1uZ 25V
R7295 0
C7294 4.7u 25V (APF)
C7293 0.1uZ 25V
R7296 100
R7298 100
R7297 100
R7299 100
IC7601 LM81
A0 A1 SDA SCL FAN1 FAN2 CI V+
R7603 47K
R7604 47K
R7606 100
R7605 100
R7608 0
R7607 0
C7601 0.1uZ 25V
C7602 100u 6.3V (APF)
TO OUTPUT 6/9
FAN2
FAN1
TEMP1
B-5V
SCL-1
SDA-1
SENS3
SENS4
SENS5
SENS6
SENS7
SENS8
B5V(3)
B3.3V
B2.5V
Q7222 C3928AR
R7276 5.6K
R7277 1K
D7221 DAN202K
R7287 0
R7223 10K
TO OUTPUT 1/9
DAC_LD1
DAC_CLK
DAC_DATA
B18.3V
MAIN-CON
B-5V
(B6.2V)
(B5V(3))
TO OUTPUT 3/9
B3.3V
B-5V
Q7221 C3928AR
R7288 1K
R7289 1K
D7222 EX0228CE
R7290 10K
R7291 1K
(NLIGHTR)
R7210 1K
Q7203 C3928AR
D7205 EX0228CE
R7224 1K
R7247 5.6K
Q7208 C3928AR
R7244 1K
R7252 1K
FB7202 0062CE
FB7203 0062CE
R7101 0
B14.8V
B18.3V
B6.2V
P_CON2
TO OUTPUT 7/9
B12V(2)
MAIN-CON
DAC_DATA
DAC_CLK
(B6.2V)
(B12V(2))
(B3.3V)
(B18.3V)
(B14.8V)
(B2.5V)
C7215 0.1u Z 25V
R7207 100
R7206 100
(DAC_LD2)
(DAC_LD1)
TO OUTPUT 4/9
MAIN-CON
LAMP_R
LAMP_L
NLIGHTL
B5V(5)
NLIGHTR
DAC_LD2
DAC_CLK
DAC_DATA
B14.8V
B6.2V
B5V(3)
B3.3V
FANPOW
B18.3V
C_LAMP
DAC_LD4
B5V(3)
B14.8V
B3.3V
B6.2V
SCL-1
SDA-1
B-5VM
B8V
B18.3V
B-LAMP
C7206 0.1uZ 25V
TP7202 0110TA
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
+5V2 +5V2 +5V2 +5VST GND GND GND GND +2.5V +2.5V +2.5V +2.5V +3.3V +3.3V +3.3V +3.3V +3.3V +3.3V GND-D GND-D GND-D GND-D +12V +12V SCL1 FANPOW DAC LD4AC DAC LD1CN DAC LD2CN GND
+5V1 +5V1 +5V1 +5VST GND GND GND GND +2.5V +2.5V +2.5V +2.5V +3.3V +3.3V +3.3V +3.3V +3.3V +3.3V GND-D GND-D GND-D GND-D +12V +12V SDA1 LAMP -5V DAC CLKCN DAC DATACN GND
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
R7634 0
R7635 0
R7636 100K
R7637 100K
C7604 0.1u 25V Z
C7608 0.1u 25V Z
C7607 0.1u 25V Z
TO OUTPUT 8/9
MAIN-CON
B6.2V
IC7603 LV4051AT
VCC S2 S1 S0 S3 A B C
S4 S6 COM S7 S5 INH GND GND
TO OUTPUT 9/9
SSELA
SSELB
SSELC
BF42
BF22
TP7201 0110TA
C7210 0.1uZ 25V
R7208 100
R7209 100
(DAC_CLK)
(DAC_DATA)
(B3.3V)
(B-5V)
R7632 0
R7630 0
R7624 0
R7631 0
R7633 0
C7609 0.1u 25V Z
C7611 0.1u 25V Z
C7610 0.1u 25V Z
C7612 0.1u 25V Z
L7005 10uH
IC7031 LM2663M
C7033 10u 16V (APF)
C7037 0.1u 25V Z
C7034 10u KZ0416CE
C7035 10u KZ0416CE
C1651 16V 10u
C7032 10u KZ0416CE
L7003 10uHJ
SC8502 M6022CE
TO PC-BOARD (POWER)
C7031 10u KZ0416CE
L7002 10uH J
C7036 10u KZ0416CE
Q7002 C114EU
Q7004 A114EU
R7034 4.7K
R7035 10K
Q7005 C3928AR
L7001 10uHJ
FB7205 0062CE
FB7204 0062CE
P7208 N0664TA
1 LAMP R
2 GND
3 N-LIGHT R
4 LAMPL
5 GND
6 NLIGHTL
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12

■ OUTPUT UNIT-6/9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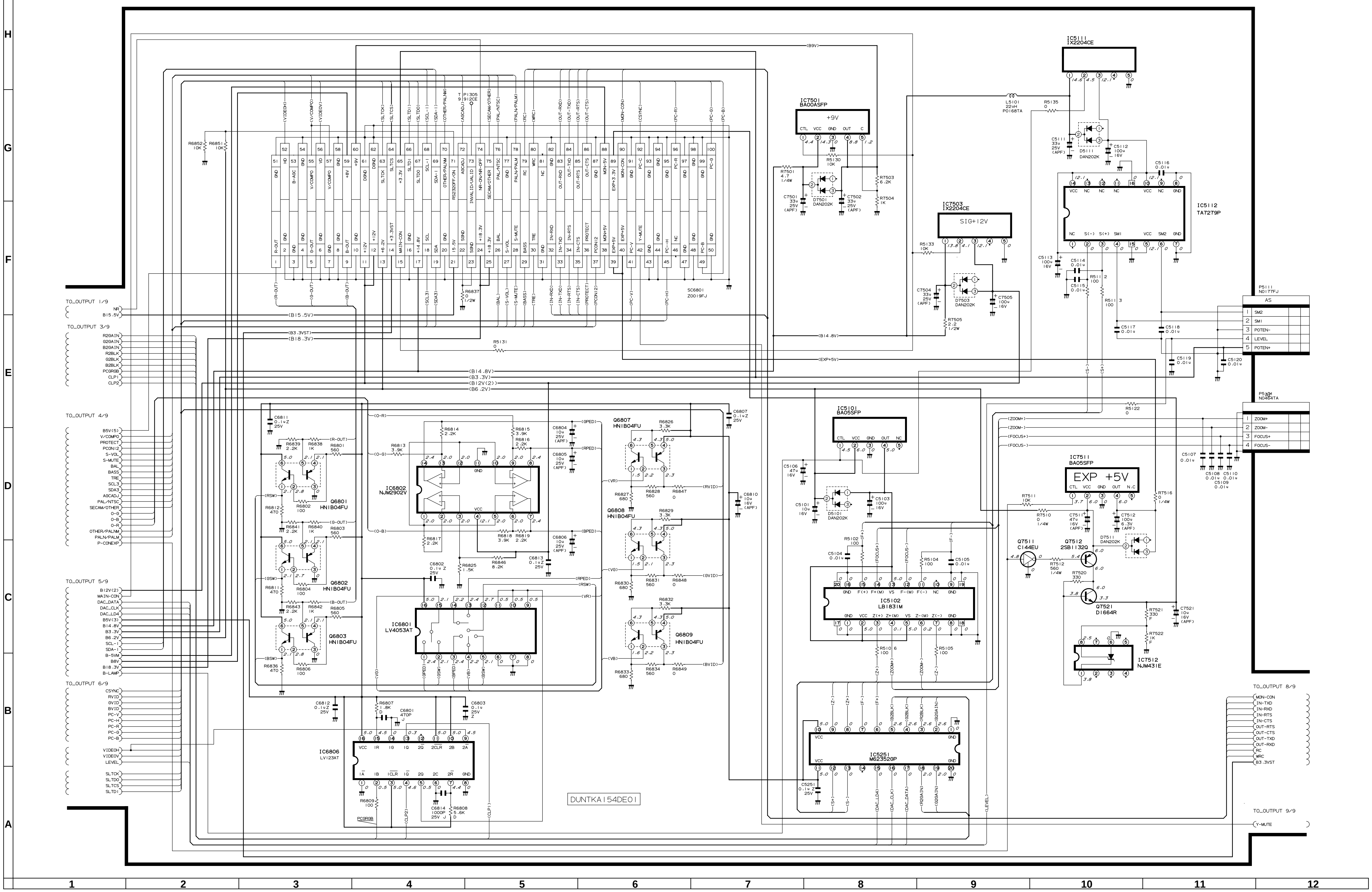
DUNTKA154DE01
TO OUTPUT 7/9
CSYNC
RVID
GVID
BVID
PC-V
PC-H
PC-R
PC-G
PC-B
VIDEOH
VIDEOV
LEVEL
SLTCK
SLTDO
SLTCS
SLTDI
TO OUTPUT 8/9
SCKO
RXDO
TXDO
SHREQ
MON-CON
B3.3V
TO OUTPUT 9/9
MON-CON
SELA
B14.8V
BSENS
SELB
B5V(5)
B3.3V
FANCON
SENS3
SENS4
FAN1
SCL-I
SDA-I
TO OUTPUT 4/9
FIL
R480P
R720P
B5V(5)
FANCON
TO OUTPUT 5/9
FAN2
FAN1
TEMP1
B-5V
SCL-I
SDA-I
SENS3
SENS4
SENS5
SENS6
SENS7
SENS8
B5V(3)
B3.3V
B2.5V
B14.8V
B18.3V
B6.2V
P_CON2
SC8404
M6022CE
1 B(ANALOG) B(ANALOG) 31
2 GND GND 32
3 G(ANALOG) G(ANALOG) 33
4 GND GND 34
5 R(ANALOG) R(ANALOG) 35
6 GND GND 36
7 GND GND 37
8 B(VIDEO) B(VIDEO) 38
9 GND GND 39
10 G(VIDEO) G(VIDEO) 40
11 GND GND 41
12 R(VIDEO) R(VIDEO) 42
13 GND GND 43
14 IH-CON IV-CON 44
15 CSYNC GND 45
16 GND GND 46
17 VH-IN VV-IN 47
18 GND GND 48
19 NC ADIN3 49
20 POWE TEMP2 50
21 TXD2 RXD2 51
22 TXDO RXDO 52
23 SCKO SHREQ 53
24 SLTCS SLTCK 54
25 SLTDI SLTDO 55
26 GND GND 56
27 GLED1 GLED2 57
28 RLED1 RLED2 58
29 TEMPLED TEMP1 59
30 GND GND 60
SCT401
M6022CE
1 BFANVCC BFANVCC 31
2 BFANVCC BFANVCC 32
3 BFANVCC BFANVCC 33
4 BFANVCC BFANVCC 34
5 GND GND 35
6 GND GND 36
7 3.3V GND 37
8 3.3V GND 38
9 3.3V 5V 39
10 GND GND 40
11 GND SW1 41
12 BSENSV SW2 42
13 GND FANSELA 43
14 FANSELB GND 44
15 GND SCL 45
16 SDA GND 46
17 GND SENS5 47
18 SENS6 GND 48
19 GND SENS7 49
20 SENS8 PALSB 50
21 GND GND 51
22 +2.5V P-CON2 52
23 +2.5V GND 53
24 +2.5V +6.2V 54
25 +6.2V +6.2V 55
26 +6.2V +6.2V 56
27 +6.2V +6.2V 57
28 +18.3V GND 58
29 +18.3V GND 59
30 +18.3V GND 60
R7615
0
IC2401
SN2G04CT
D2401
DAN202K
Q2401 A1462
Q2402 C2735
Q2403 C114EU
Q2404 C114EU
Q2405 HN1B04FU
Q2406 HN1B04FU
Q2407 HN1B04FU
Q2409 HN2C01FU
Q2410 C144EU
Q2411 C2735
Q2412 C144EU
Q2461 HN2C01FU
Q2462 HN2C01FU
Q2463 C144EU
Q2464 A114EU
Q2465 A114EU
Q2466 C114EU
Q2467 HN1B04FU
D2402 MA157A
D2403 MA157A
D2404 1MN10
Q2421 A1462
Q2422 C2735
Q2423 C114EU
Q2424 C114EU
Q2425 HN1B04FU
Q2426 HN1B04FU
Q2427 HN1B04FU
Q2429 HN2C01FU
Q2430 C144EU
Q2431 C2735
Q2432 C144EU
D2422 MA157A
D2423 MA157A
Q2441 A1462
Q2442 C2735
Q2443 C114EU
Q2444 C114EU
Q2445 HN1B04FU
Q2446 HN1B04FU
Q2447 HN1B04FU
Q2449 HN2C01FU
Q2450 C144EU
Q2451 C2735
Q2452 C144EU
D2442 MA157A
D2443 MA157A
L2401 22µH
(PC-R)
(PC-G)
(PC-B)
(SWL)
(SWH)
(IB)
(IG)
(R720P)
(R480P)
(FIL)
(B2.5V)
(B18.3V)
(B6.2V)
(B5V(5))
(BVID)
(GVID)
(RVID)
(PC-V)
(VIDEOV)
(RXDO)
(SHREQ)
(SLTCK)
(SLTDO)
(PC-H)
(CSYNC)
(VIDEOH)
(LEVEL)
(TXDO)
(SCKO)
(SLTCS)
(SLTDI)
(SDA-I)
(SENS6)
(SENS8)
(FAN2)
(SENS7)
(SENS5)
(SCL-I)
(FANCON)

■ OUTPUT UNIT-7/9


H
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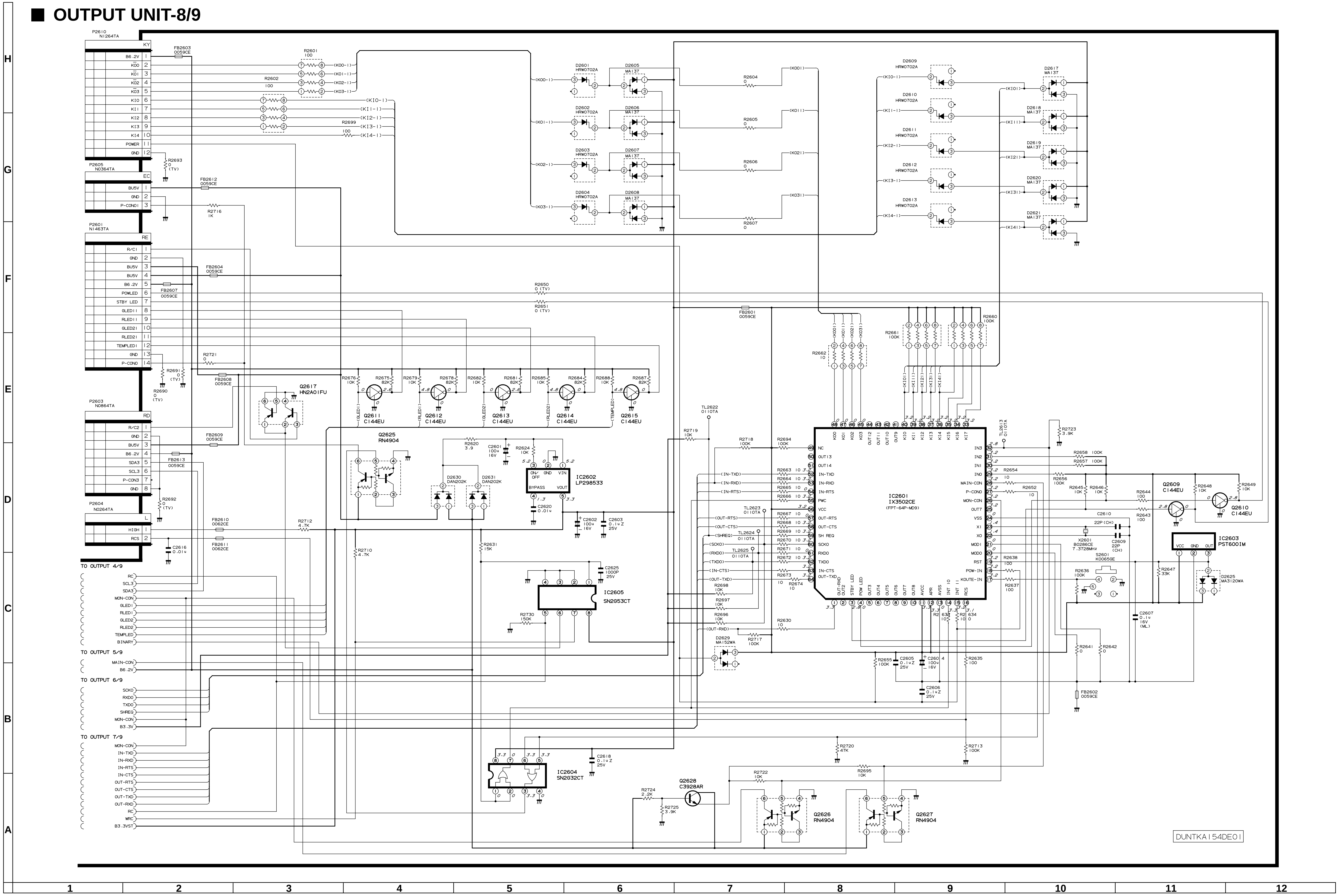
SC6801
Z0019FJ
TP1305
9912CE
TO_OUTPUT 1/9
TO_OUTPUT 3/9
TO_OUTPUT 4/9
TO_OUTPUT 5/9
TO_OUTPUT 6/9
TO_OUTPUT 8/9
TO_OUTPUT 9/9
IC7501
BA00ASFP
+9V
IC7503
IX2204CE
SIG+12V
IC5111
IX2204CE
IC5112
TA7279P
IC5101
BA05SFP
IC7511
BA05SFP
EXP +5V
IC5102
LB1831M
IC5251
M62352GP
IC7512
NJM431E
Q7511
C144EU
Q7512
2SB1132Q
Q7521
D1664R
IC6802
NJM2902V
IC6801
LV4053AT
IC6806
LV123AT
Q6801
HN1B04FU
Q6802
HN1B04FU
Q6803
HN1B04FU
Q6807
HN1B04FU
Q6808
HN1B04FU
Q6809
HN1B04FU
D7501
DAN202K
D7503
DAN202K
D5111
DAN202K
D5101
DAN202K
D7511
DAN202K
L5101
22μH
P0168TA
P5111
N0177FJ
AS
SM2
SM1
POTEN-
LEVEL
POTEN+
P5101
N0484TA
ZOOM+
ZOOM-
FOCUS+
FOCUS-
(B9V)
(B15.5V)
(B3.3VST)
(B18.3V)
(B14.8V)
(EXP+5V)
(B3.3V)
(B12V(2))
(B6.2V)
Y-MUTE
PCGRGB
DUNTKA154DE01

■ OUTPUT UNIT-8/9


P2610 N1264TA
KY
B6.2V
K00
K01
K02
K03
K10
K11
K12
K13
K14
POWER
GND
P2605 N0364TA
EC
BU5V
P-CON01
P2601 N1463TA
RE
R/C1
BU5V
B6.2V
POWLED
STBY LED
GLED11
RLED11
GLED21
RLED21
TEMPLED1
P-CONO
P2603 N0864TA
RD
R/C2
SDA3
SCL3
P-CON3
P2604 N0264TA
L
HIGH
RCS
TO OUTPUT 4/9
TO OUTPUT 5/9
TO OUTPUT 6/9
TO OUTPUT 7/9
D2601 HRW0702A
D2602 HRW0702A
D2603 HRW0702A
D2604 HRW0702A
D2605 MA137
D2606 MA137
D2607 MA137
D2608 MA137
D2609 HRW0702A
D2610 HRW0702A
D2611 HRW0702A
D2612 HRW0702A
D2613 HRW0702A
D2617 MA137
D2618 MA137
D2619 MA137
D2620 MA137
D2621 MA137
Q2617 HN2A01FU
Q2611 C144EU
Q2612 C144EU
Q2613 C144EU
Q2614 C144EU
Q2615 C144EU
Q2625 RN4904
D2630 DAN202K
D2631 DAN202K
IC2602 LP298533
IC2601 IX3502CE (FPT-64P-M09)
IC2605 SN2G53CT
IC2604 SN2032CT
IC2603 PST600IM
Q2609 C144EU
Q2610 C144EU
X2601 B0286CE 7.3728MHz
S2601 K0065GE
D2625 MA3120WA
D2629 MA152WA
Q2628 C3928AR
Q2626 RN4904
Q2627 RN4904
DUNTKA154DE01
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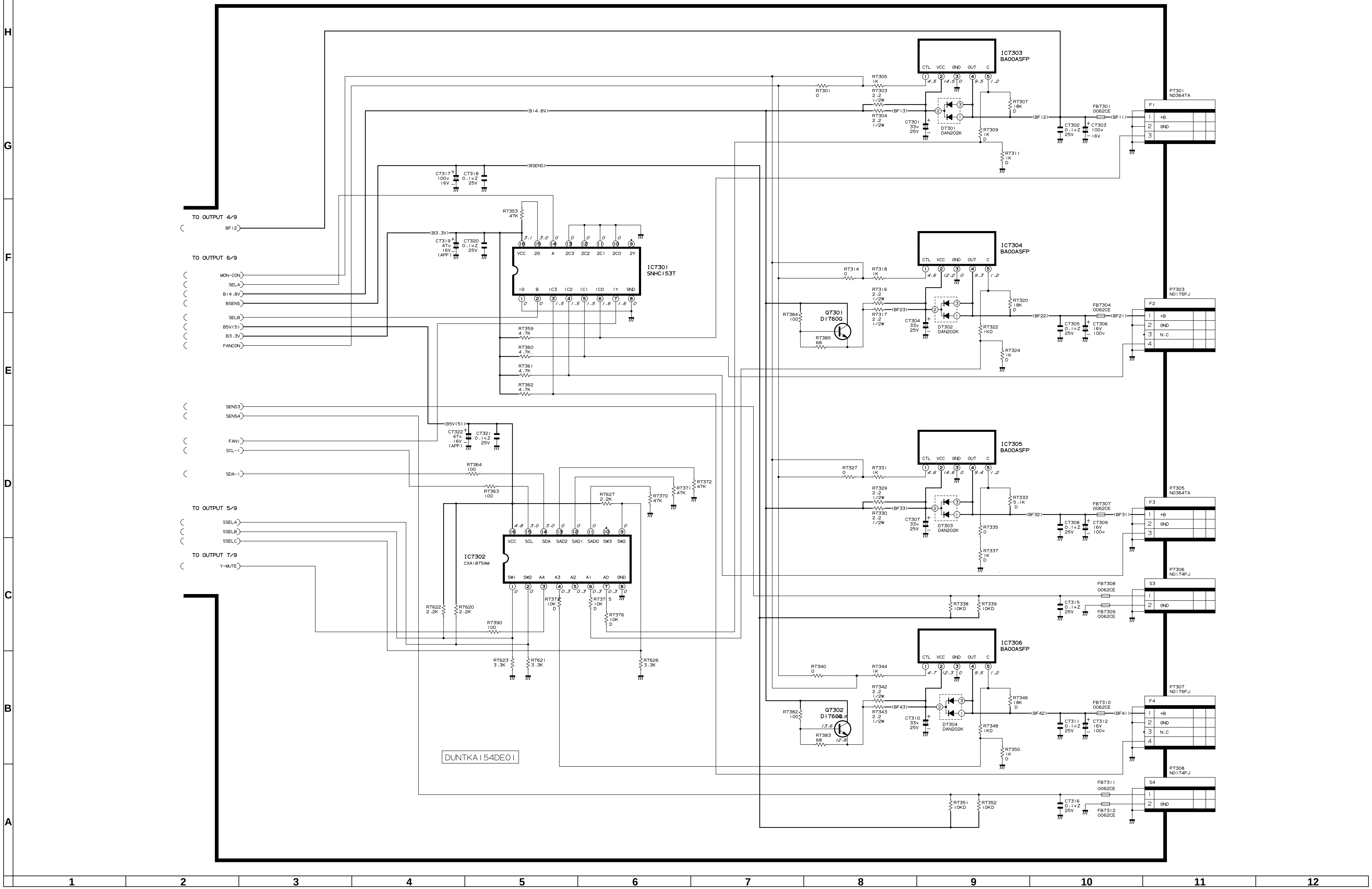
■ OUTPUT UNIT-9/9


TO OUTPUT 4/9
BF12
TO OUTPUT 6/9
MON-CON
SELA
B14.8V
BSENS
SELB
B5V(S)
B3.3V
FANCON
SENS3
SENS4
FAN1
SCL-1
SDA-1
TO OUTPUT 5/9
SSELA
SSELB
SSELC
TO OUTPUT 7/9
Y-MUTE
(B14.8V)
(BSENS)
(B3.3V)
(B5V(S))
CT317 100u 16V
CT318 0.1uZ 25V
CT319 47u 16V (APF)
CT320 0.1uZ 25V
CT321 0.1uZ 25V
CT322 47u 16V (APF)
R7353 47K
IC7301
SNHC153T
VCC 2G A 2C3 2C2 2C1 2C0 2Y
1G B 1C3 1C2 1C1 1C0 1Y GND
R7359 4.7K
R7360 4.7K
R7361 4.7K
R7362 4.7K
R7364 100
R7363 100
R7627 2.2K
R7370 4.7K
R7371 47K
R7372 47K
IC7302
CXA1875AM
VCC SCL SDA SAD2 SAD1 SAD0 SW3 SW2
SW1 SW2 A4 A3 A2 A1 A0 GND
R7622 2.2K
R7620 2.2K
R7390 100
R7373 10K D
R7375 10K D
R7376 10K D
R7623 3.3K
R7621 3.3K
R7626 3.3K
DUNTKA154DE01
IC7303
BA00ASFP
CTL VCC GND OUT C
R7305 1K
R7301 0
R7303 2.2 1/2W
R7304 2.2 1/2W
(BF13)
CT301 33u 25V
D7301 DAN202K
R7307 18K D
R7309 1K D
R7311 1K D
(BF12)
CT302 0.1uZ 25V
CT303 100u 16V
FB7301 0062CE
(BF11)
P7301 N0364TA
F1
1 +B
2 GND
3
IC7304
BA00ASFP
R7314 0
R7318 1K
R7316 2.2 1/2W
R7317 2.2 1/2W
(BF23)
R7384 100
Q7301 DI760Q
R7385 68
CT304 33u 25V
D7302 DAN202K
R7320 18K D
R7322 1KD
R7324 1K D
(BF22)
CT305 0.1uZ 25V
CT306 16V 100u
FB7304 0062CE
(BF21)
P7303 N0176FJ
F2
1 +B
2 GND
3 N.C
4
IC7305
BA00ASFP
R7327 0
R7331 1K
R7329 2.2 1/2W
R7330 2.2 1/2W
(BF33)
CT307 33u 25V
D7303 DAN202K
R7333 5.1K D
R7335 0
R7337 1K D
(BF32)
CT308 0.1uZ 25V
CT309 16V 100u
FB7307 0062CE
(BF31)
P7305 N0364TA
F3
1 +B
2 GND
3
P7306 N0174FJ
S3
1
2 GND
FB7308 0062CE
FB7309 0062CE
R7338 10KD
R7339 10KD
CT315 0.1uZ 25V
IC7306
BA00ASFP
R7340 0
R7344 1K
R7342 2.2 1/2W
R7343 2.2 1/2W
(BF43)
R7382 100
Q7302 DI760Q
R7383 68
CT310 33u 25V
D7304 DAN202K
R7346 18K D
R7348 1KD
R7350 1K D
(BF42)
CT311 0.1uZ 25V
CT312 16V 100u
FB7310 0062CE
(BF41)
P7307 N0176FJ
F4
1 +B
2 GND
3 N.C
4
P7308 N0174FJ
S4
1
2 GND
FB7311 0062CE
FB7312 0062CE
R7351 10KD
R7352 10KD
CT316 0.1uZ 25V
H
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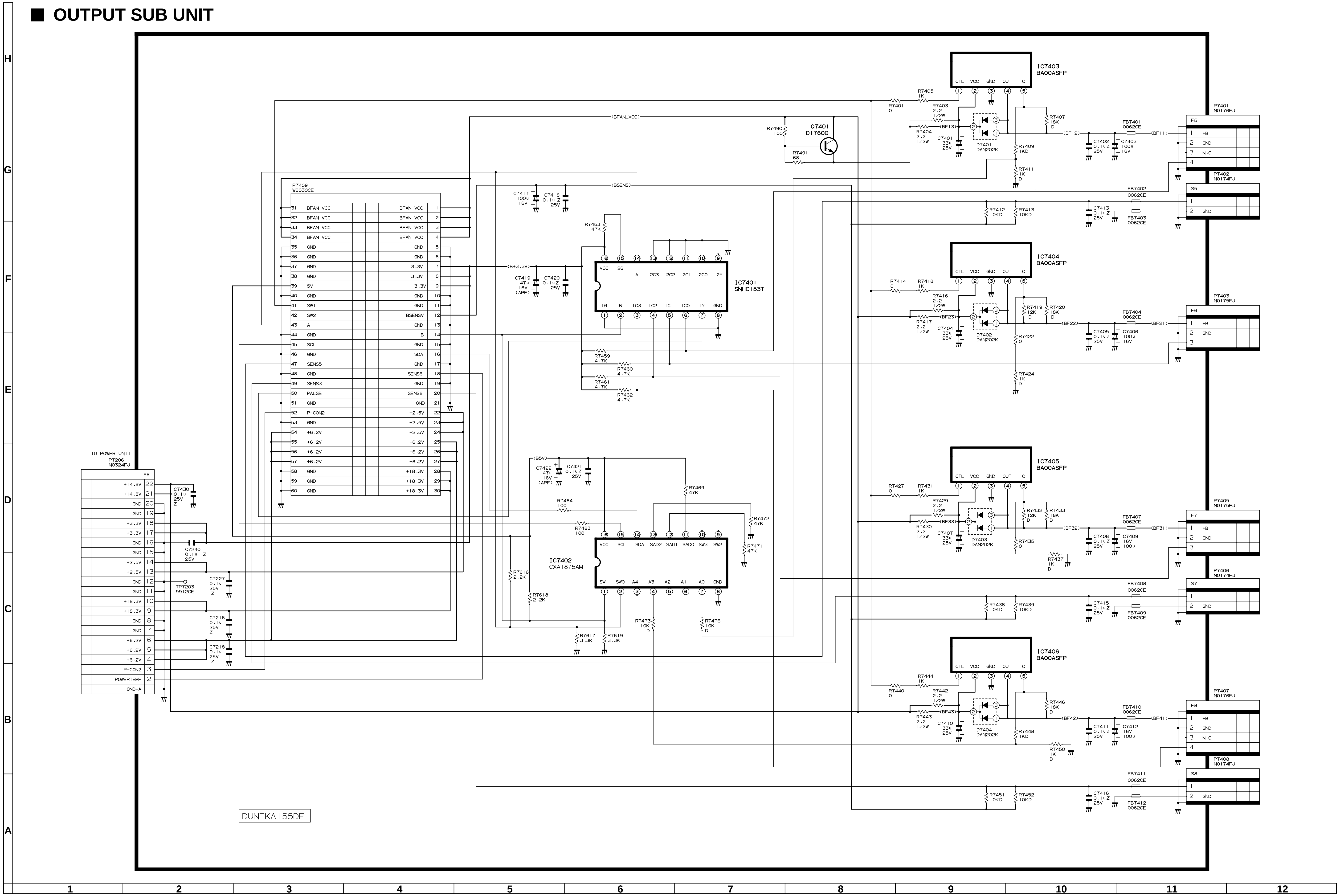
■ OUTPUT SUB UNIT


TO POWER UNIT
P7206
N0324FJ
EA
P7409
W6030CE
IC7401
SNHC153T
IC7402
CXA1875AM
IC7403
BA00ASFP
IC7404
BA00ASFP
IC7405
BA00ASFP
IC7406
BA00ASFP
Q7401
DI760Q
D7401
DAN202K
D7402
DAN202K
D7403
DAN202K
D7404
DAN202K
(BFAN_VCC)
(BSENS)
(B+3.3V)
(B5V)
P7401
N0I76FJ
P7402
N0I74FJ
P7403
N0I75FJ
P7405
N0I75FJ
P7406
N0I74FJ
P7407
N0I76FJ
P7408
N0I74FJ
F5
S5
F6
F7
S7
F8
S8
TP7203
9912CE
DUNTKA155DE
H
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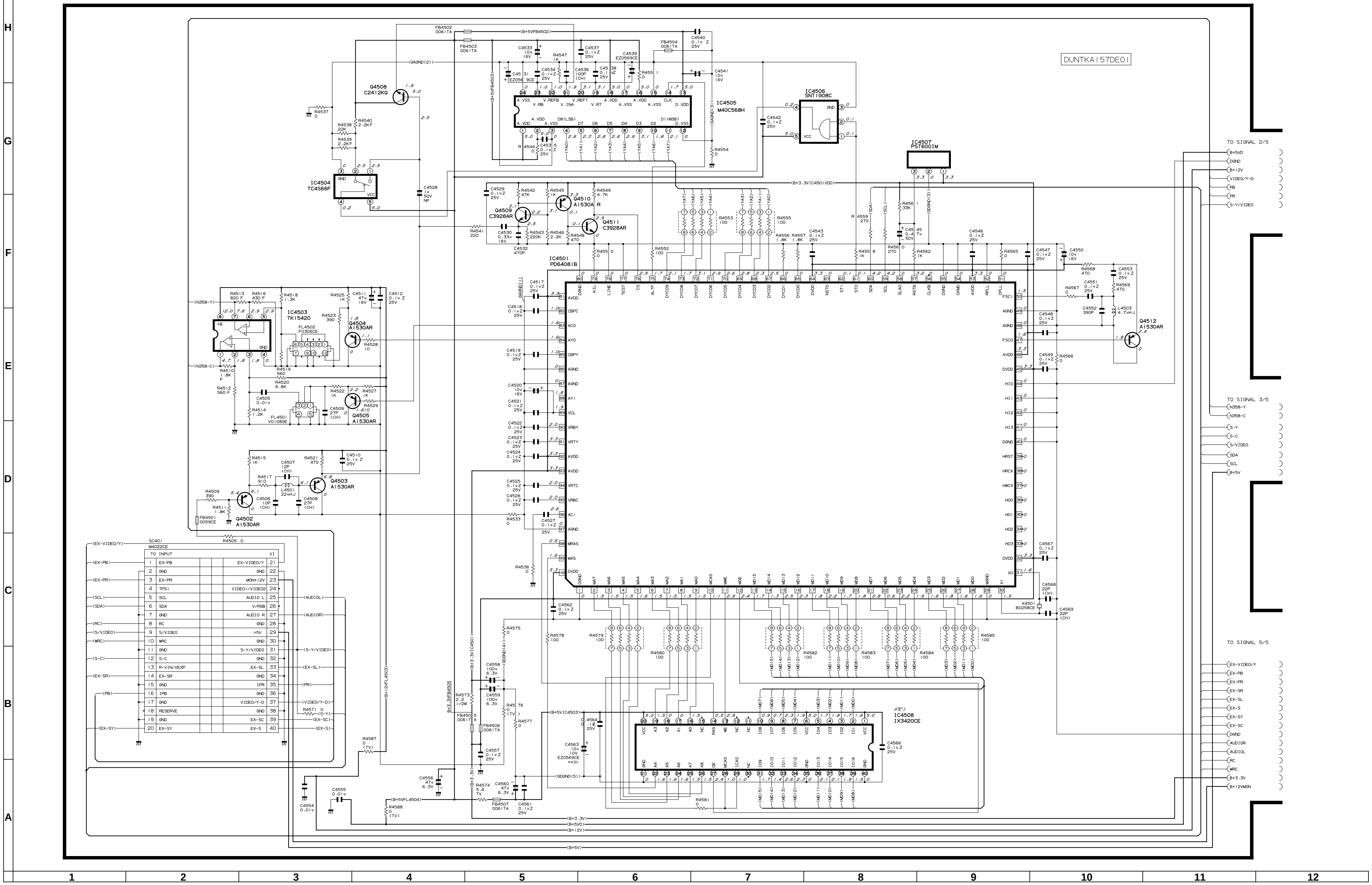
■ SIGNAL UNIT-1/5


H
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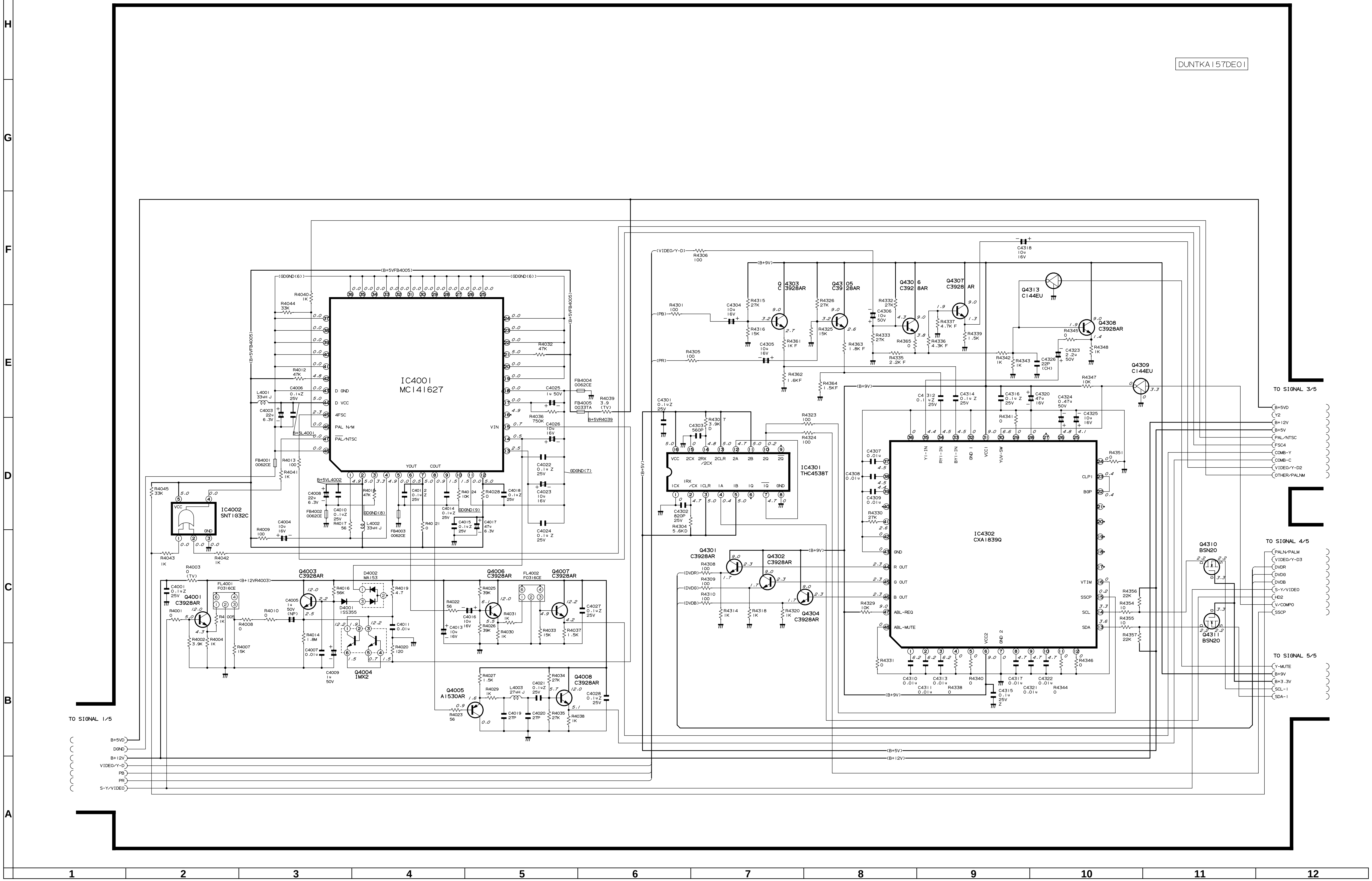
12
DUNTKA157DE01
IC4505 M40C568H
IC4506 SNT1008C
IC4507 PST600IM
IC4504 TC4S66F
Q4508 C2412KQ
Q4509 C3928AR
Q4510 A1530A R
Q4511 C3928AR
IC4501 PD64081B
IC4503 TK15420
FL4502 F0306CE
Q4504 A1530AR
Q4505 A1530AR
FL4501 V01089E
Q4503 A1530AR
Q4502 A1530AR
L4501 22uHJ
Q4512 A1530AR
L4503 4.7uHJ
X4501 B0258CE
SC401 M4022CE
IC4508 IX3420CE
TO SIGNAL 2/5
B+5VD
DGND
B+12V
VIDEO/Y-D
PB
PR
S-Y/VIDEO
TO SIGNAL 3/5
N358-Y
N358-C
S-Y
S-C
S/VIDEO
SDA
SCL
B+5V
TO SIGNAL 5/5
EX-VIDEO/Y
EX-PB
EX-PR
EX-SR
EX-SL
EX-S
EX-SY
EX-SC
DGND
AUDIOR
AUDIOL
RC
WRC
B+3.3V
B+12VMON
TO INPUT
VI
EX-PB
GND
EX-PR
TPS1
SCL
SDA
GND
RC
S/VIDEO
WRC
GND
S-C
R-VIN/VEXP
EX-SR
GND
IPB
GND
RESERVE
GND
EX-SY
EX-VIDEO/Y
GND
MON+12V
VIDEO1/VIDEO2
AUDIO L
V/RGB
AUDIO R
GND
+5V
GND
S-Y/VIDEO
GND
EX-SL
GND
IPR
GND
VIDEO/Y-D
GND
EX-SC
EX-S
(B+3.3V)
(B+5VD)
(B+12V)
(B+5V)

■ SIGNAL UNIT-2/5


H
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C
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12
DUNTKA157DE01
IC4001
MC141627
IC4002
SN71I032C
IC4301
THC4538T
IC4302
CXA1839Q
Q4001
C3928AR
Q4003
C3928AR
Q4004
IMX2
Q4005
A1530AR
Q4006
C3928AR
Q4007
C3928AR
Q4008
C3928AR
Q4301
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Q4302
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Q4303
C3928AR
Q4304
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Q4305
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Q4306
C3928AR
Q4307
C3928AR
Q4308
C3928AR
Q4309
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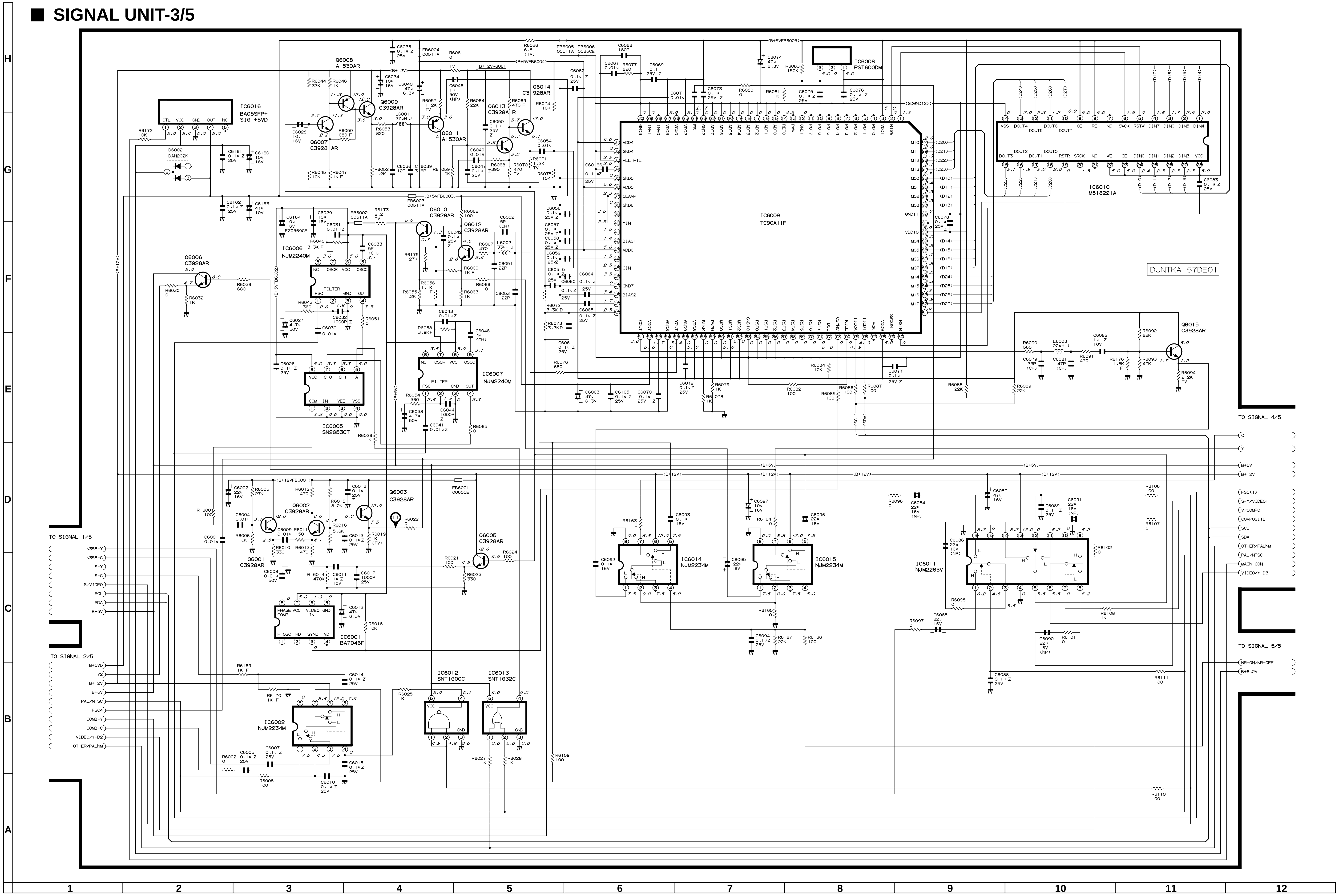
BSN20
Q4311
BSN20
Q4313
C144EU
D4001
1SS355
D4002
MA153
FL4001
F0316CE
FL4002
F0316CE
L4001
33μH J
L4002
33μH J
L4003
27μH J
FB4001
FB4002
FB4003
FB4004
FB4005
TO SIGNAL 1/5
B+5VD
DGND
B+12V
VIDEO/Y-D
PB
PR
S-Y/VIDEO
TO SIGNAL 3/5
B+5VD
Y2
B+12V
B+5V
PAL/NTSC
FSC4
COMB-Y
COMB-C
VIDEO/Y-D2
OTHER/PALNM
TO SIGNAL 4/5
PALN/PALM
VIDEO/Y-D3
DVDR
DVDG
DVDB
S-Y/VIDEO
HD2
V/COMPO
SSCP
TO SIGNAL 5/5
Y-MUTE
B+9V
B+3.3V
SCL-1
SDA-1
D GND
D VCC
4FSC
PAL N/M
PAL/NTSC
VIN
YOUT
COUT
VCC
GND
R OUT
G OUT
B OUT
ABL-REQ
ABL-MUTE
CLP1
BGP
VTIM
SSCP
SCL
SDA
(B+5VFB4005)
(GDGND(6))
(B+12VR4003)
(B+9V)
(B+5V)
(B+12V)
(VIDEO/Y-D)
(PB)
(PR)
(DVDR)
(DVDG)
(DVDB)

■ SIGNAL UNIT-3/5


IC6016
BA05SFP+
SIG +5VD
D6002
DAN202K
Q6008
A1530AR
Q6009
C3928AR
Q6007
C3928AR
Q6011
A1530AR
Q6013
C3928AR
Q6014
C3928AR
Q6006
C3928AR
IC6006
NJM2240M
Q6010
C3928AR
Q6012
C3928AR
IC6007
NJM2240M
IC6005
SN2053CT
IC6008
PST600DM
IC6009
TC90A11F
IC6010
M518221A
DUNTKA157DE01
Q6015
C3928AR
Q6002
C3928AR
Q6003
C3928AR
Q6001
C3928AR
Q6005
C3928AR
IC6001
BA7046F
IC6002
NJM2234M
IC6012
SNT1600C
IC6013
SNT1632C
IC6014
NJM2234M
IC6015
NJM2234M
IC6011
NJM2283V
TO SIGNAL 1/5
N358-Y
N358-C
S-Y
S-C
S/VIDEO
SCL
SDA
B+5V
TO SIGNAL 2/5
B+5VD
Y2
B+12V
B+5V
PAL/NTSC
FSC4
COMB-Y
COMB-C
VIDEO/Y-D2
OTHER/PALNM
TO SIGNAL 4/5
C
Y
B+5V
B+12V
FSC(1)
S-Y/VIDEO1
V/COMPO
COMPOSITE
SCL
SDA
OTHER/PALNM
PAL/NTSC
MAIN=CON
VIDEO/Y-D3
TO SIGNAL 5/5
NR-ON/NR-OFF
B+6.2V
H
G
F
E
D
C
B
A
1
2
3
4
5
6
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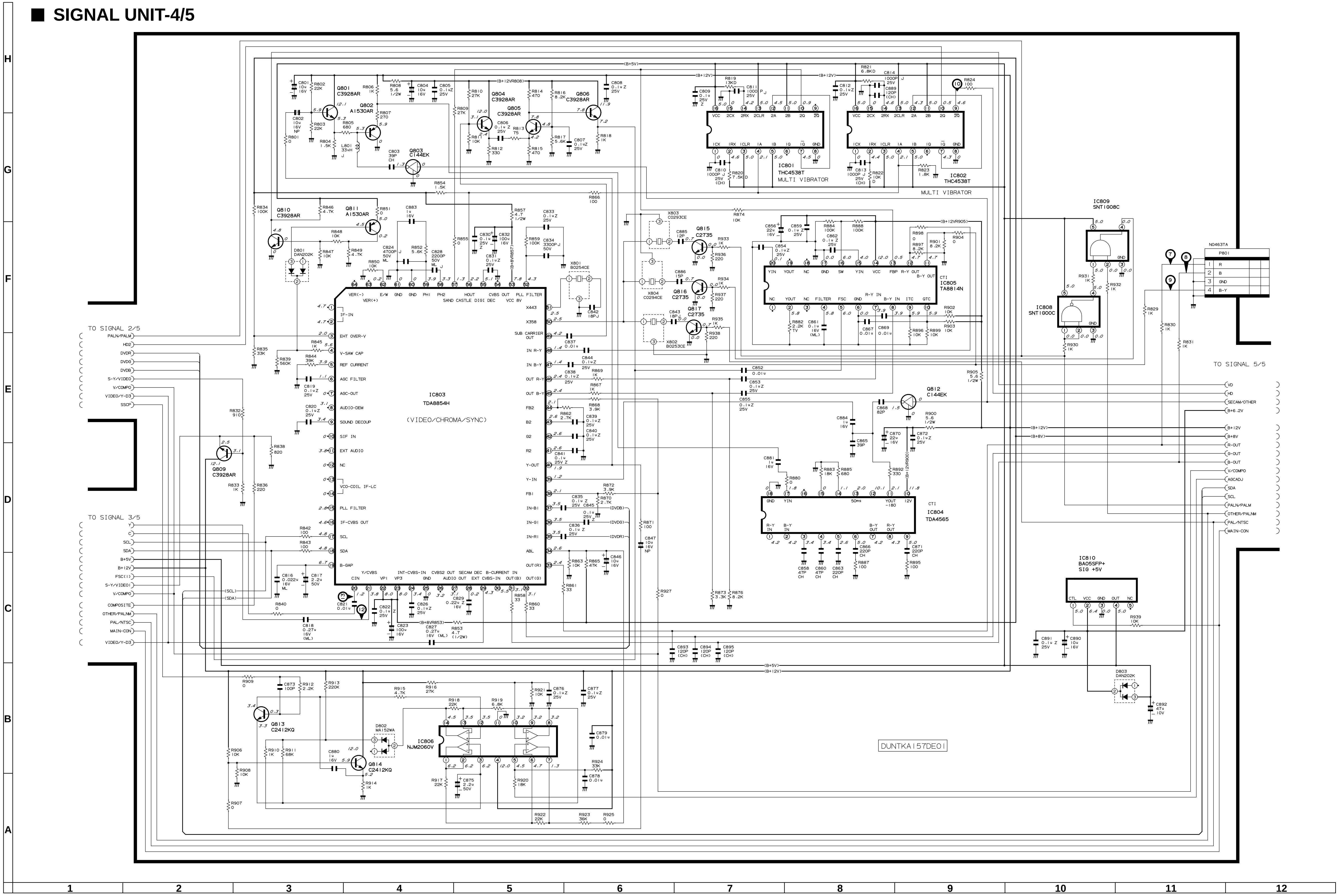
9
10
11
12

■ SIGNAL UNIT-4/5


IC803
TDA8854H
(VIDEO/CHROMA/SYNC)
IC801
THC4538T
MULTI VIBRATOR
IC802
THC4538T
MULTI VIBRATOR
IC805
TA8814N
IC804
TDA4565
CTI
IC806
NJM2060V
IC808
SNT1G00C
IC809
SNT1G08C
IC810
BA05SFP+
SIG +5V
Q801 C3928AR
Q802 A1530AR
Q803 C144EK
Q804 C3928AR
Q805 C3928AR
Q806 C3928AR
Q809 C3928AR
Q810 C3928AR
Q811 A1530AR
Q812 C144EK
Q813 C2412KQ
Q814 C2412KQ
Q815 C2735
Q816 C2735
Q817 C2735
D801 DAN202K
D802 MA152WA
D803 DAN202K
X801 B0254CE
X802 B0253CE
X803 C0293CE
X804 C0294CE
P801
N0463TA
TO SIGNAL 2/5
PALN/PALM
HD2
DVDR
DVDG
DVDB
S-Y/VIDEO
V/COMPO
VIDEO/Y-D3
SSCP
TO SIGNAL 3/5
Y
C
SCL
SDA
B+5V
B+12V
FSC(1)
S-Y/VIDEO1
V/COMPO
COMPOSITE
OTHER/PALNM
PAL/NTSC
MAIN-CON
VIDEO/Y-D3
TO SIGNAL 5/5
VD
HD
SECAM/OTHER
B+6.2V
B+12V
B+8V
R-OUT
G-OUT
B-OUT
V/COMPO
AGCADJ
SDA
SCL
PALN/PALM
OTHER/PALNM
PAL/NTSC
MAIN-CON
(B+5V)
(B+12V)
(B+8V)
(B+12VR808)
(B+12VR905)
DUNTKA157DE01
H
G
F
E
D
C
B
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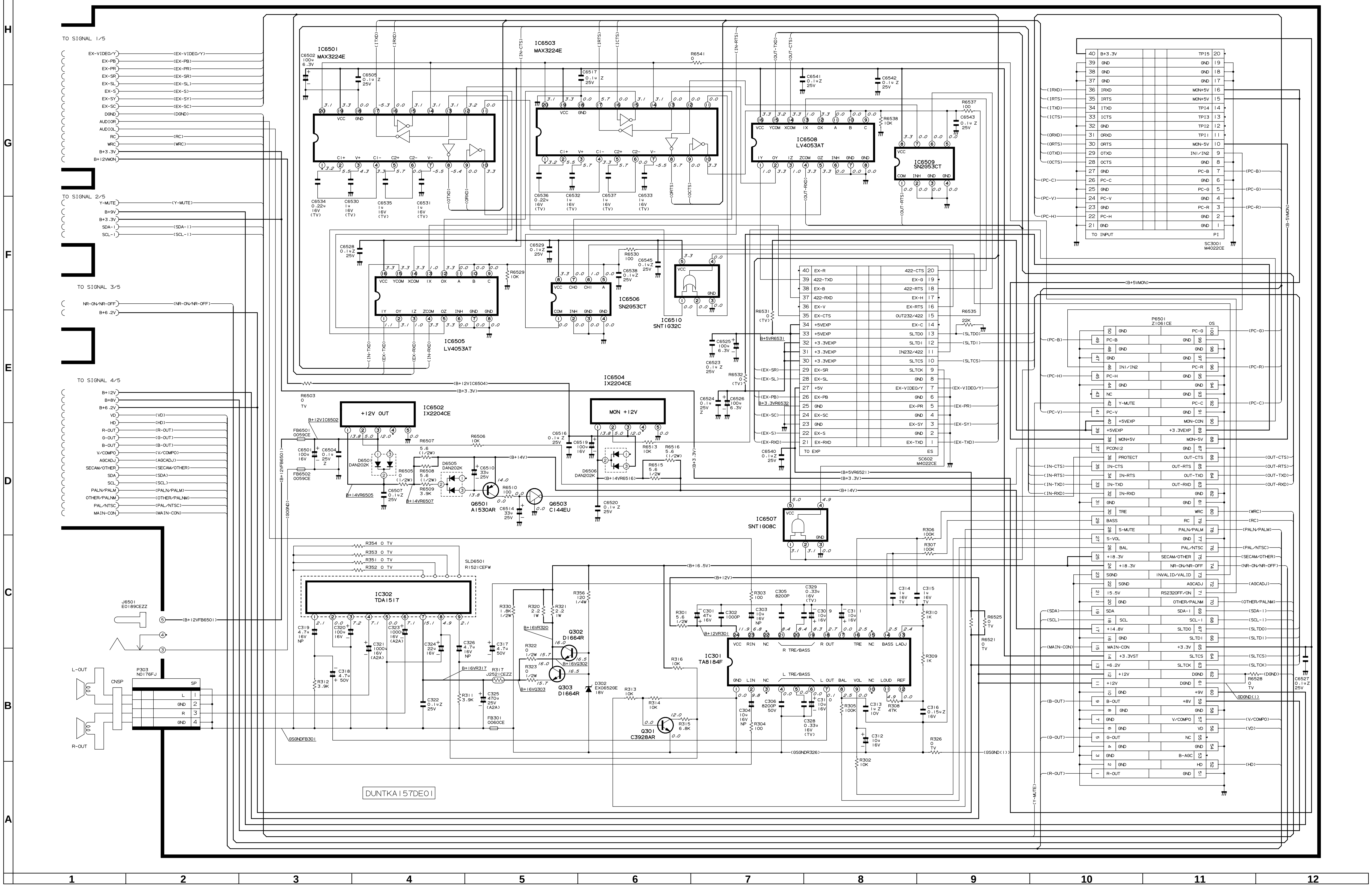
12

■ SIGNAL UNIT-5/5


TO SIGNAL 1/5
TO SIGNAL 2/5
TO SIGNAL 3/5
TO SIGNAL 4/5
IC6501 MAX3224E
IC6503 MAX3224E
IC6505 LV4053AT
IC6506 SN2053CT
IC6508 LV4053AT
IC6509 SN2053CT
IC6510 SNT1032C
IC6502 IX2204CE
+12V OUT
IC6504 IX2204CE
MON +12V
IC6507 SNT1608C
IC302 TDA1517
IC301 TA8184F
Q6501 A1530AR
Q6503 C144EU
Q301 C3928AR
Q302 D1664R
Q303 D1664R
D302 EX06529E 18V
SLD6501 R1521CEFW
J6501 E0189CEZZ
P303 N0176FJ
CNSP
L-OUT
R-OUT
SC3001 M4022CE
TO INPUT
SC602 M4022CE
TO EXP
P6501 Z1061CE
DUNTKA157DE01
H
G
F
E
D
C
B
A
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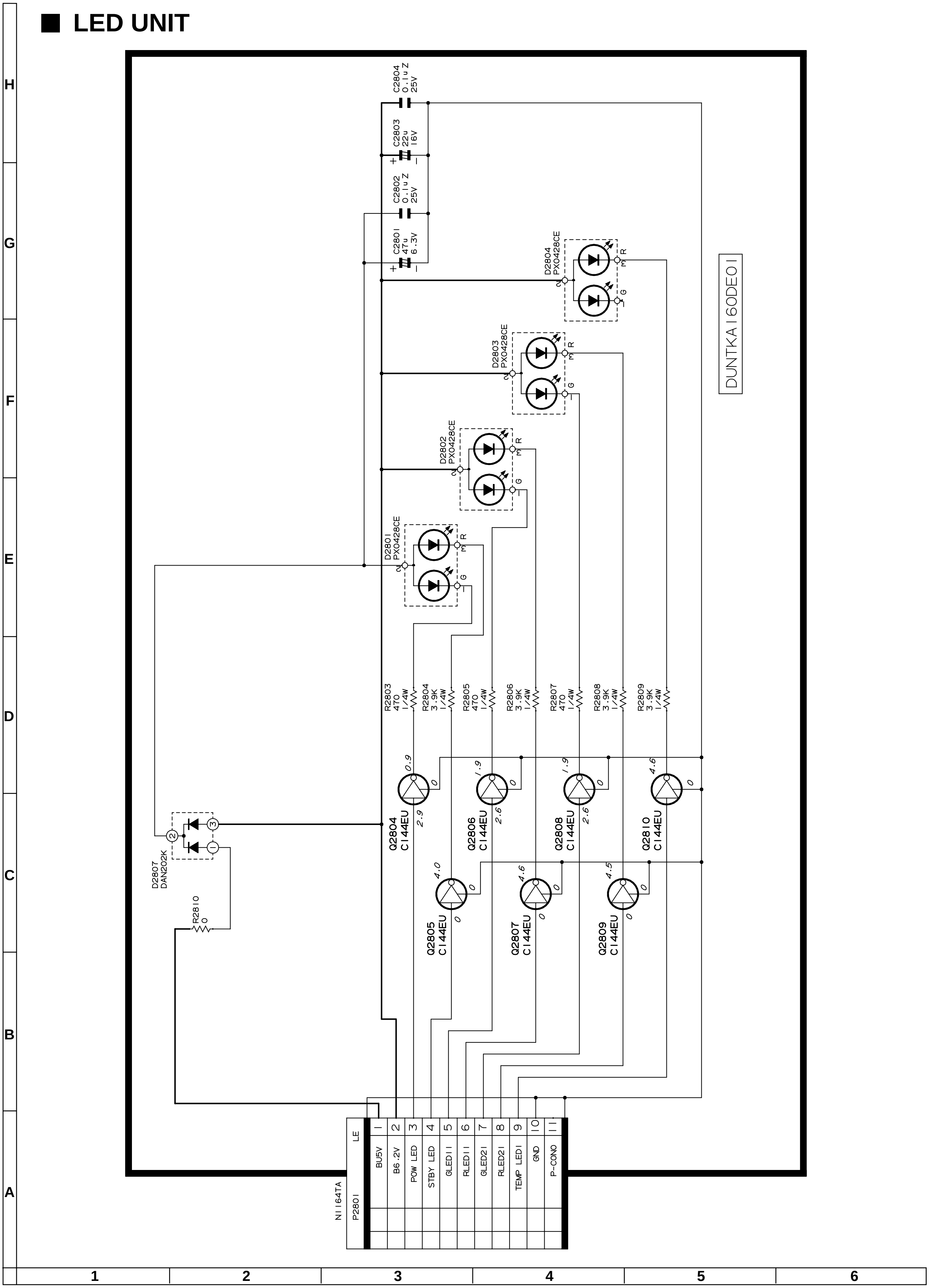
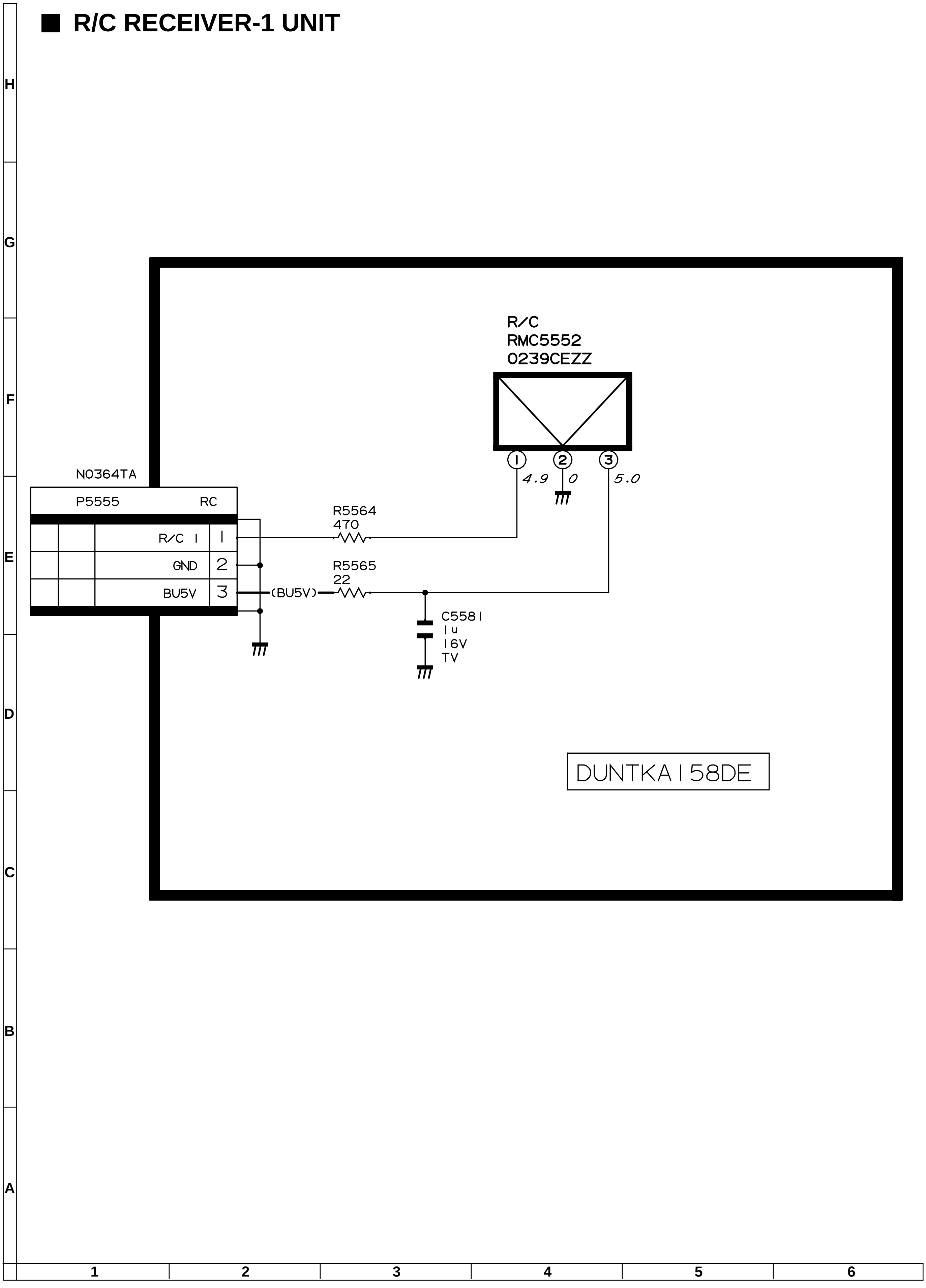
12

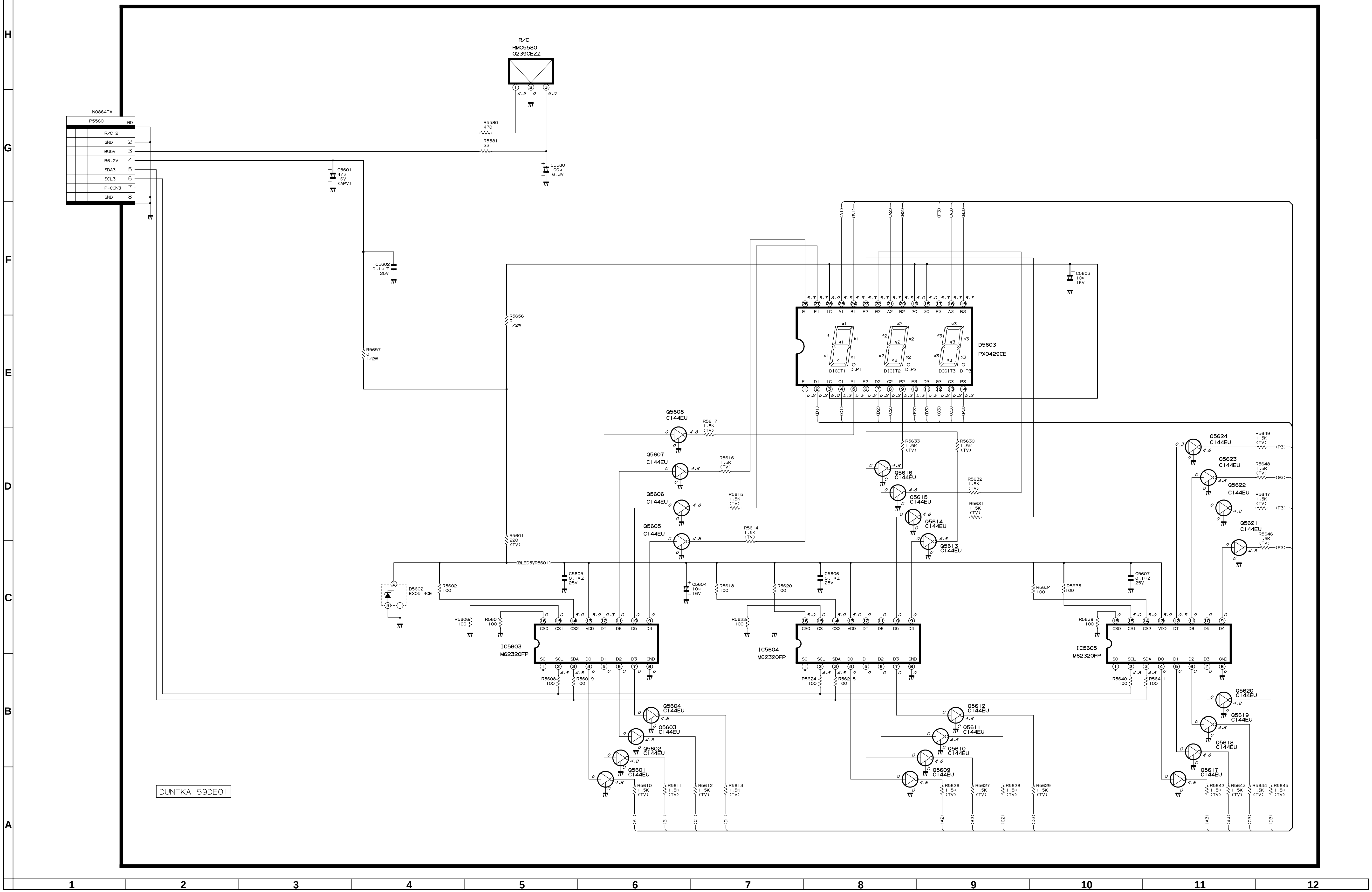
■ LED UNIT


H
G
F
E
D
C
B
A
1
2
3
4
5
6
C2804 0.1u Z 25V
C2803 22u 16V
C2802 0.1u Z 25V
C2801 47u 6.3V
D2804 PX0428CE
D2803 PX0428CE
D2802 PX0428CE
D2801 PX0428CE
R
G
DUNTKA160DE01
R2803 470 1/4W
R2804 3.9K 1/4W
R2805 470 1/4W
R2806 3.9K 1/4W
R2807 470 1/4W
R2808 3.9K 1/4W
R2809 3.9K 1/4W
Q2804 C144EU
Q2805 C144EU
Q2806 C144EU
Q2807 C144EU
Q2808 C144EU
Q2809 C144EU
Q2810 C144EU
0.9
2.9
4.0
1.9
2.6
4.6
4.5
0
D2807 DAN202K
R2810 0
N1164TA
P2801
LE
1 BU5V
2 B6.2V
3 POW LED
4 STBY LED
5 GLED11
6 RLED11
7 GLED21
8 RLED21
9 TEMP LED1
10 GND
11 P-CONO

■ R/C RECEIVER-1 UNIT


H
G
F
E
D
C
B
A
1
2
3
4
5
6
R/C
RMC5552
0239CEZZ
①
②
③
4.9
0
5.0
N0364TA
P5555
RC
R/C 1
GND
BU5V
1
2
3
(BU5V)
R5564
470
R5565
22
C5581
1u
16V
TV
DUNTKA158DE

■ R/C RECEIVER-2 UNIT


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
R/C
RMC5580
0239CEZZ
N0864TA
P5580
RD
R/C 2
GND
BU5V
B6.2V
SDA3
SCL3
P-CON3
GND
R5580
470
R5581
22
C5601
47u
16V
(APV)
C5580
100u
6.3V
C5602
0.1u Z
25V
C5603
10u
16V
R5656
0
1/2W
R5657
0
1/2W
D5603
PX0429CE
DIGIT1
DIGIT2
DIGIT3
D.P1
D.P2
D.P3
Q5608
C144EU
Q5607
C144EU
Q5606
C144EU
Q5605
C144EU
R5617
1.5K
(TV)
R5616
1.5K
(TV)
R5615
1.5K
(TV)
R5614
1.5K
(TV)
R5601
220
(TV)
(BLED5VR5601)
D5602
EX0514CE
R5602
100
C5605
0.1u Z
25V
C5604
10u
16V
R5618
100
R5620
100
C5606
0.1u Z
25V
R5634
100
R5635
100
C5607
0.1u Z
25V
R5606
100
R5607
100
R5622
100
R5639
100
IC5603
M62320FP
IC5604
M62320FP
IC5605
M62320FP
CS0
CS1
CS2
VDD
DT
D6
D5
D4
S0
SCL
SDA
D0
D1
D2
D3
GND
R5608
100
R5609
100
R5624
100
R5625
100
R5640
100
R5641
100
Q5604
C144EU
Q5603
C144EU
Q5602
C144EU
Q5601
C144EU
Q5612
C144EU
Q5611
C144EU
Q5610
C144EU
Q5609
C144EU
Q5616
C144EU
Q5615
C144EU
Q5614
C144EU
Q5613
C144EU
R5633
1.5K
(TV)
R5630
1.5K
(TV)
R5632
1.5K
(TV)
R5631
1.5K
(TV)
Q5624
C144EU
Q5623
C144EU
Q5622
C144EU
Q5621
C144EU
R5649
1.5K
(TV)
R5648
1.5K
(TV)
R5647
1.5K
(TV)
R5646
1.5K
(TV)
Q5620
C144EU
Q5619
C144EU
Q5618
C144EU
Q5617
C144EU
R5610
1.5K
(TV)
R5611
1.5K
(TV)
R5612
1.5K
(TV)
R5613
1.5K
(TV)
R5626
1.5K
(TV)
R5627
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(TV)
R5628
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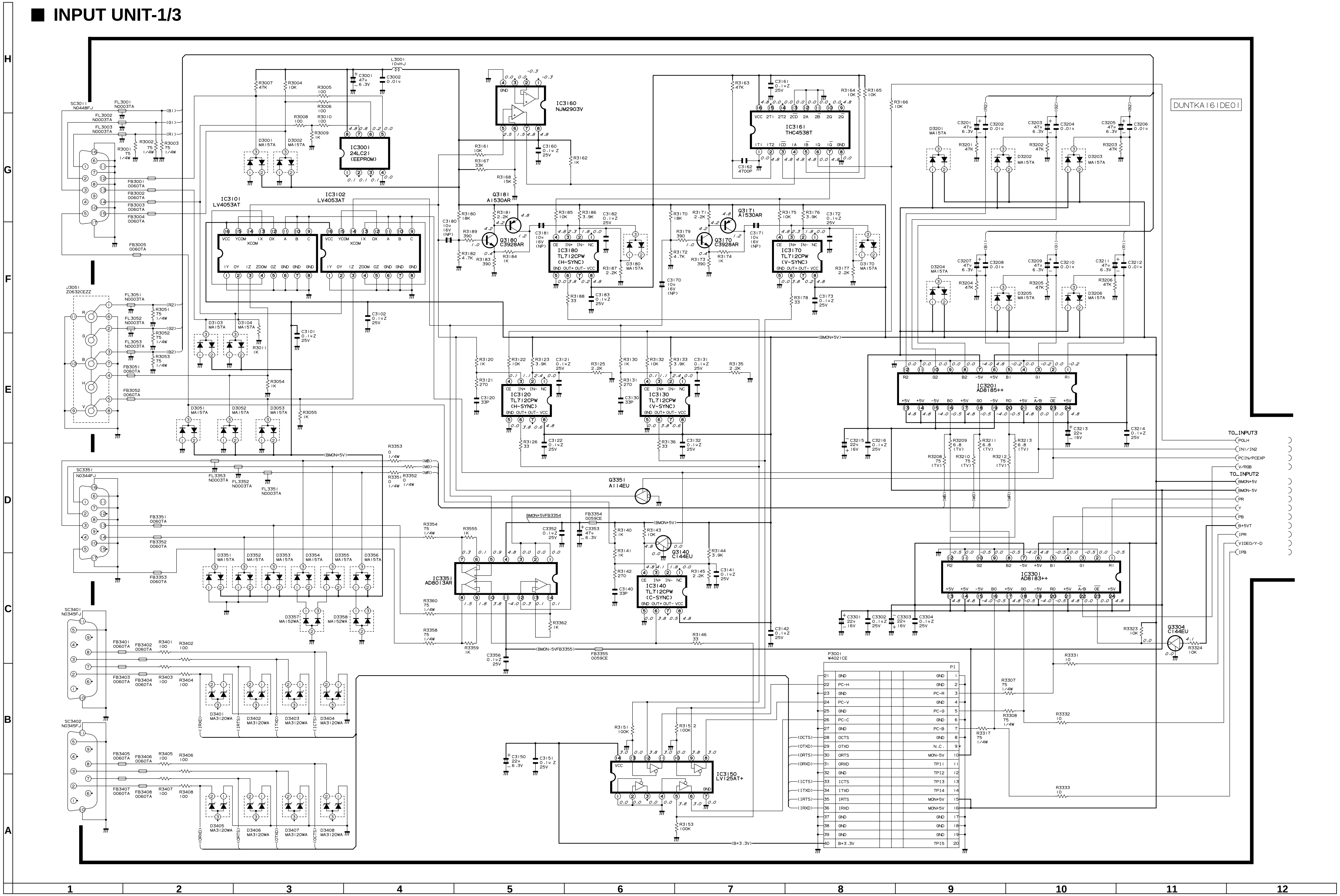
(TV)
R5629
1.5K
(TV)
R5642
1.5K
(TV)
R5643
1.5K
(TV)
R5644
1.5K
(TV)
R5645
1.5K
(TV)
(A1)
(B1)
(C1)
(D1)
(A2)
(B2)
(C2)
(D2)
(A3)
(B3)
(C3)
(D3)
(E3)
(F3)
(G3)
(P3)
DUNTKA159DE01

■ INPUT UNIT-1/3


H
G
F
E
D
C
B
A
1
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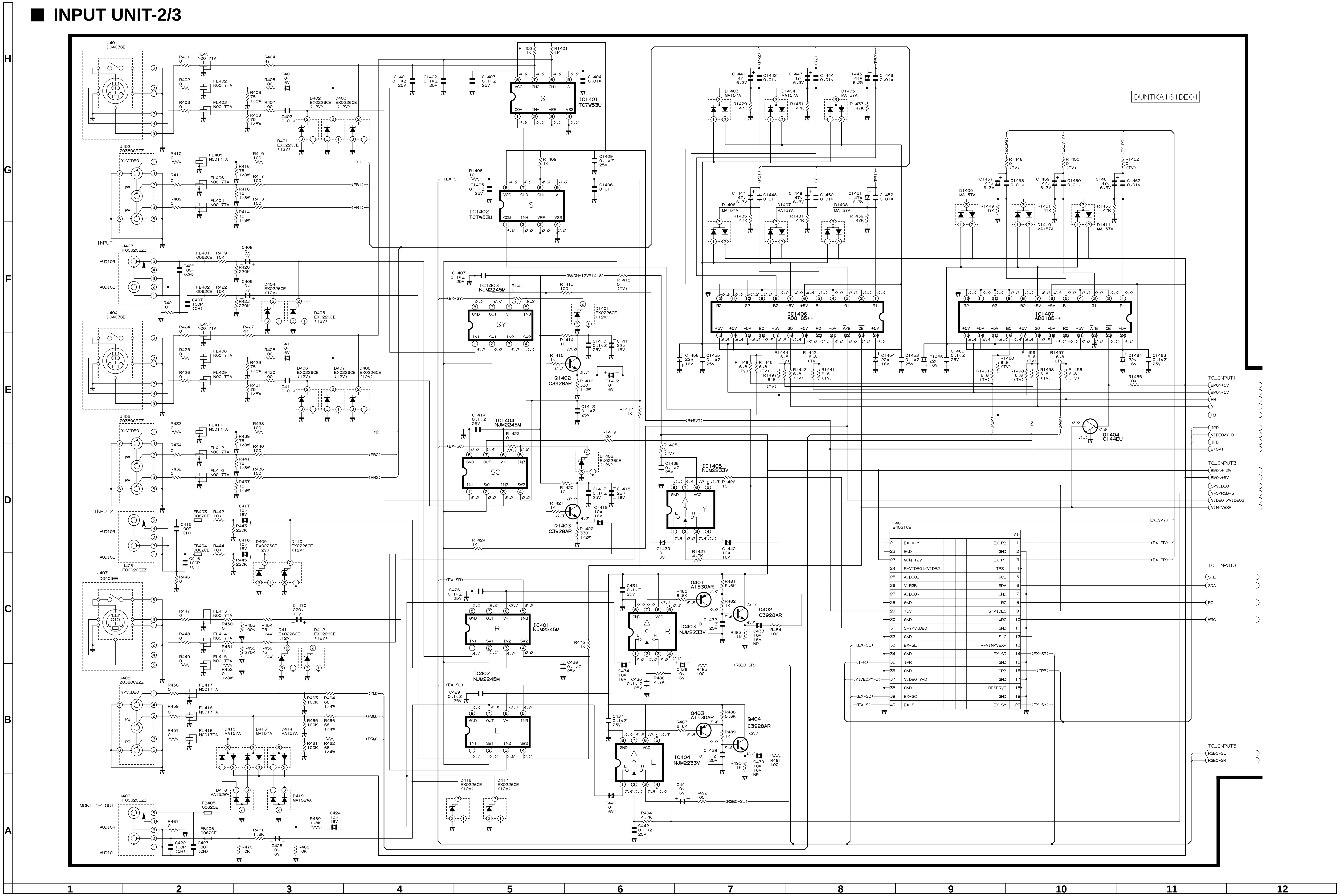
4
5
6
7
8
9
10
11
12
DUNTKA161DE01
SC3011 N0448FJ
J3051 Z0632CEZZ
SC3351 N0344FJ
SC3401 N0345FJ
SC3402 N0345FJ
IC3001 24LC21 (EEPROM)
IC3101 LV4053AT
IC3102 LV4053AT
IC3160 NJM2903V
IC3161 THC4538T
IC3180 TL712CPW (H-SYNC)
IC3170 TL712CPW (V-SYNC)
IC3120 TL712CPW (H-SYNC)
IC3130 TL712CPW (V-SYNC)
IC3140 TL712CPW (C-SYNC)
IC3201 AD8185++
IC3301 AD8183++
IC3351 AD8013AR
IC3150 LV125AT+
Q3181 A1530AR
Q3180 C3928AR
Q3171 A1530AR
Q3170 C3928AR
Q3351 A114EU
Q3140 C144EU
Q3304 C144EU
L3001 10uHJ
P3001 W4021CE
(BMON+5V)
(BMON-5VFB3355)
(B+3.3V)
TO_INPUT3
POLH
INI/IN2
PCIN/PCEXP
V/RGB
TO_INPUT2
BMON+5V
BMON-5V
PR
Y
PB
B+5VT
IPR
VIDEO/Y-D
IPB

■ INPUT UNIT-2/3


DUNTKA161DE01
J401 D0403GE
J402 Z0380CEZZ
J403 F0062CEZZ
J404 D0403GE
J405 Z0380CEZZ
J406 F0062CEZZ
J407 D0403GE
J408 Z0380CEZZ
J409 F0062CEZZ
INPUT1
INPUT2
MONITOR OUT
Y/VIDEO
PB
PR
AUDIOR
AUDIOL
IC1401 TC7W53U
IC1402 TC7W53U
IC1403 NJM2245M
IC1404 NJM2245M
IC1405 NJM2233V
IC1406 AD8185++
IC1407 AD8185++
IC401 NJM2245M
IC402 NJM2245M
IC403 NJM2233V
IC404 NJM2233V
Q1402 C3928AR
Q1403 C3928AR
Q1404 C144EU
Q401 A1530AR
Q402 C3928AR
Q403 A1530AR
Q404 C3928AR
P401 W4021CE
TO_INPUT1
BMON+5V
BMON-5V
PR
Y
PB
IPR
VIDEO/Y-D
IPB
B+5VT
TO_INPUT3
BMON+12V
BMON+5V
S/VIDEO
V-S/RGB-S
VIDEO1/VIDEO2
VIN/VEXP
SCL
SDA
RC
WRC
RGBO-SL
RGBO-SR
(EX-V/Y)
(EX-PB)
(EX-PR)
(EX-SL)
(EX-SR)
(EX-SC)
(EX-S)
(EX-SY)
(B+5VT)
(BMON+12V R1418)
1
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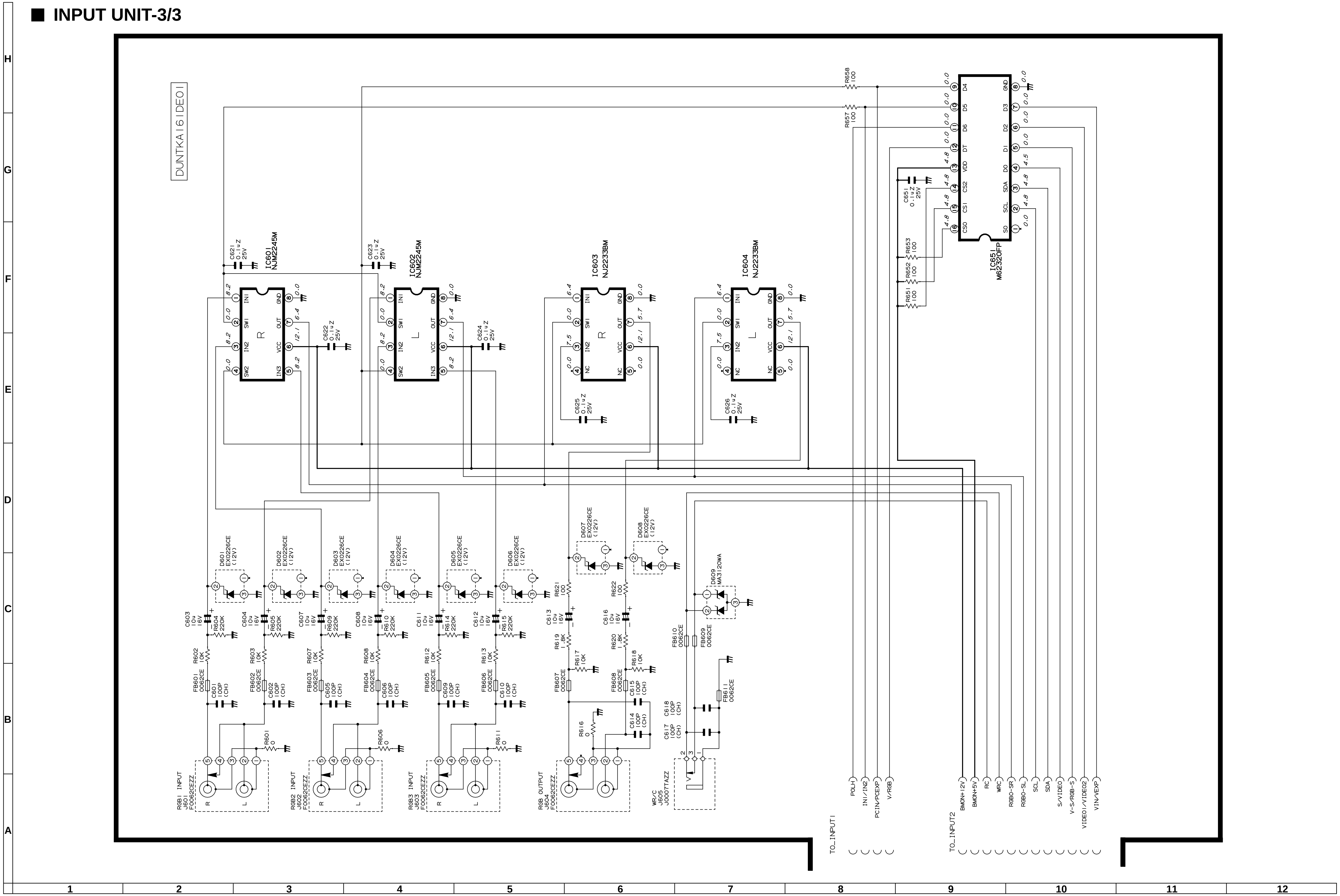
E
D
C
B
A

■ INPUT UNIT-3/3


DUNTKA161DE01
IC601 NJM2245M
IC602 NJM2245M
IC603 NJ2233BM
IC604 NJ2233BM
IC651 M62320FP
IN1 SW1 IN2 SW2 GND OUT VCC IN3
NC
R
L
D4 D5 D6 DT VDD CS2 CS1 CS0 GND D3 D2 D1 D0 SDA SCL SO
C621 0.1uZ 25V
C622 0.1uZ 25V
C623 0.1uZ 25V
C624 0.1uZ 25V
C625 0.1uZ 25V
C626 0.1uZ 25V
C651 0.1uZ 25V
R651 100
R652 100
R653 100
R657 100
R658 100
D601 EX0226CE (12V)
D602 EX0226CE (12V)
D603 EX0226CE (12V)
D604 EX0226CE (12V)
D605 EX0226CE (12V)
D606 EX0226CE (12V)
D607 EX0226CE (12V)
D608 EX0226CE (12V)
D609 MA3120WA
C603 10u 16V
C604 10u 16V
C607 10u 16V
C608 10u 16V
C611 10u 16V
C612 10u 16V
C613 10u 16V
C616 10u 16V
R604 220K
R605 220K
R609 220K
R610 220K
R614 220K
R615 220K
R602 10K
R603 10K
R607 10K
R608 10K
R612 10K
R613 10K
R617 10K
R618 10K
R619 1.8K
R620 1.8K
R621 100
R622 100
FB601 0062CE
FB602 0062CE
FB603 0062CE
FB604 0062CE
FB605 0062CE
FB606 0062CE
FB607 0062CE
FB608 0062CE
FB609 0062CE
FB610 0062CE
FB611 0062CE
C601 100P (CH)
C602 100P (CH)
C605 100P (CH)
C606 100P (CH)
C609 100P (CH)
C610 100P (CH)
C614 100P (CH)
C615 100P (CH)
C617 100P (CH)
C618 100P (CH)
R601 0
R606 0
R611 0
R616 0
RGB1 INPUT J601 F0062CEZZ
RGB2 INPUT J602 F0062CEZZ
RGB3 INPUT J603 F0062CEZZ
RGB OUTPUT J604 F0062CEZZ
WR/C J605 J0007TAZZ
R
L
TO_INPUT1
POLH
IN1/IN2
PCIN/PCEXP
V/RGB
TO_INPUT2
BMON+12V
BMON+5V
RC
WRC
RGBO-SR
RGBO-SL
SCL
SDA
S/VIDEO
V-S/RGB-S
VIDEO1/VIDEO2
VIN/VEXP
H
G
F
E
D
C
B
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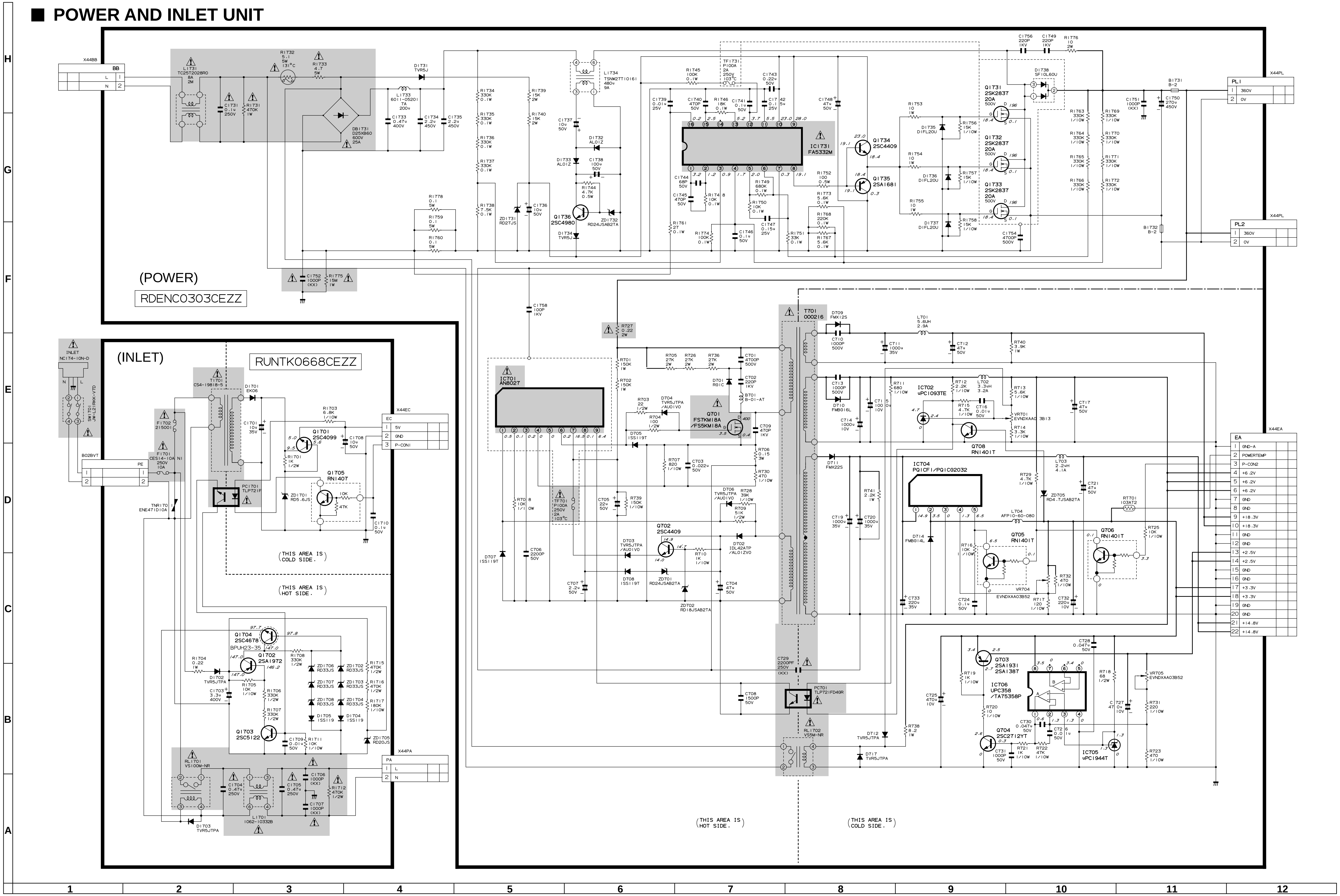
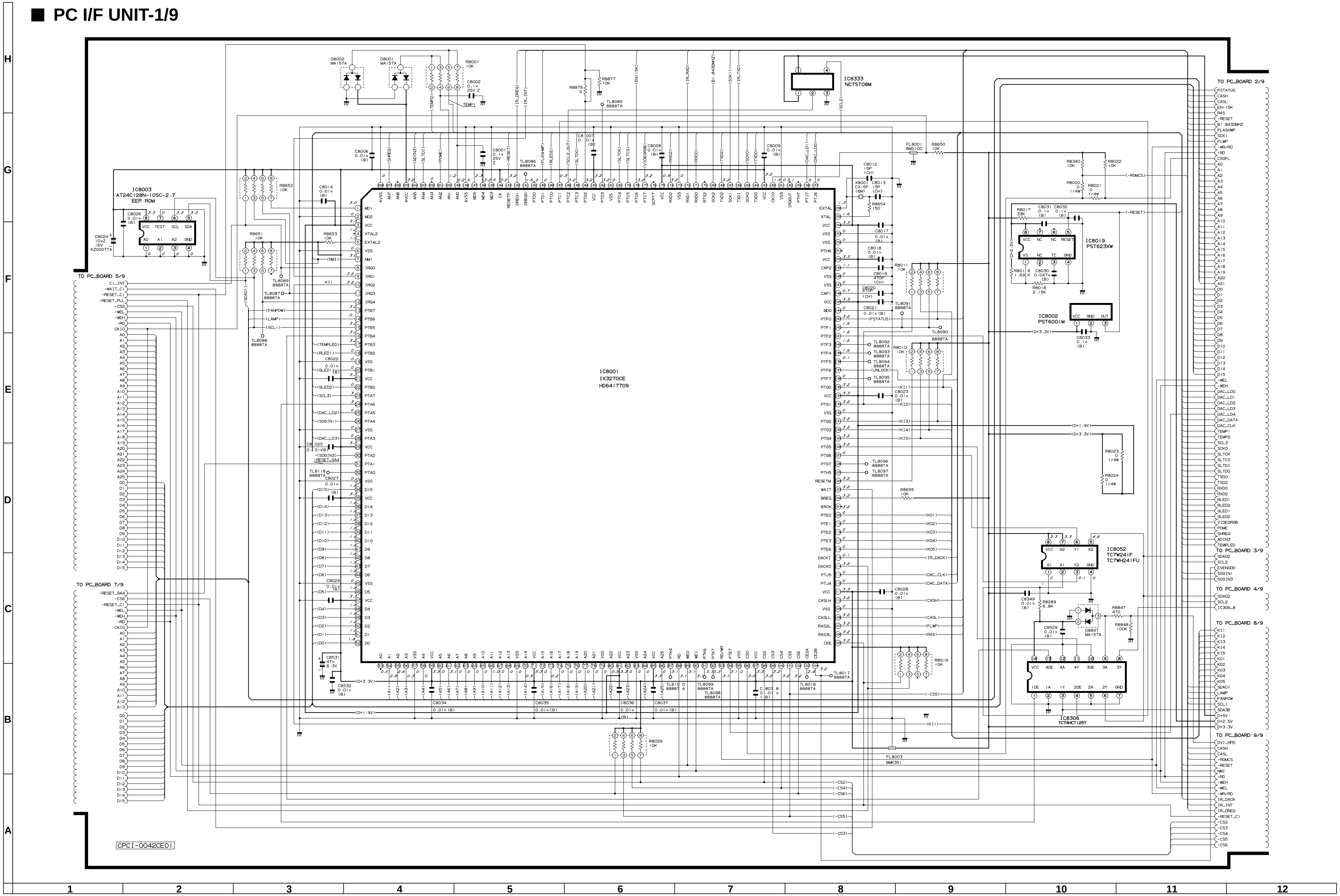
12

■ POWER AND INLET UNIT


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
(POWER)
RDENC0303CEZZ
(INLET)
RUNTK0668CEZZ
X44BB
BB
L
N
X44EC
EC
5V
GND
P-CON1
X44PA
PA
L
N
X44PL
PL1
360V
0V
PL2
360V
0V
X44EA
EA
GND-A
POWERTEMP
P-CON2
+6.2V
+6.2V
+6.2V
GND
GND
+18.3V
+18.3V
GND
GND
+2.5V
+2.5V
GND
GND
+3.3V
+3.3V
GND
GND
+14.8V
+14.8V
B02BVT
PE
INLET NC1T4-10N-D
SW1701 JW-L21RKK-V7D
F1702 215001
F1701 CES14-10A NI 250V 10A
TNR1701 ENE471D10A
T1701 CS4-19818-5
D1701 EK06
PC1701 TLP721F
Q1701 2SC4099
Q1705 RN1407
Q1704 2SC4678
Q1702 2SA1972
Q1703 2SC5122
RL1701 VS10M-NR
L1701 1062-10332B
D1703 TVR5JTPA
(THIS AREA IS COLD SIDE.)
(THIS AREA IS HOT SIDE.)
L1731 TC25T2028R0 8A 2M
DB1731 D25XB60 600V 25A
L1733 6011-05201 7A 200u
D1731 TVR5J
L1734 TSNW27T10161 480u 9A
TF1731 P100A 2A 250V 103°C
IC1731 FA5332M
Q1731 2SK2837 20A 500V
Q1732 2SK2837 20A 500V
Q1733 2SK2837 20A 500V
Q1734 2SC4409
Q1735 2SA1681
Q1736 2SC4980
D1738 SF10L60U
B1731 B-2
B1732 B-2
IC701 AN8027
Q701 FS7KM18A /FS7KM18A
T701 000216
TF701 P100A 250V 2A 103°C
Q702 2SC4409
IC702 uPC1093TE
Q708 RN1401T
IC704 PQ1CF1/PQ1CG2032
Q705 RN1401T
Q706 RN1401T
Q703 2SA1931 2SA1387
IC706 UPC358 /TA75358P
Q704 2SC2712YT
IC705 uPC1944T
PC701 TLP721FD4GR
RL1702 VS5M-NR
L701 5.6UH 2.9A
L702 3.3uH 3.2A
L703 2.2uH 4.1A
L704 AFP10-60-080
RT701 103AT2
(THIS AREA IS HOT SIDE.)
(THIS AREA IS COLD SIDE.)

■ PC I/F UNIT-1/9


H
G
F
E
D
C
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4
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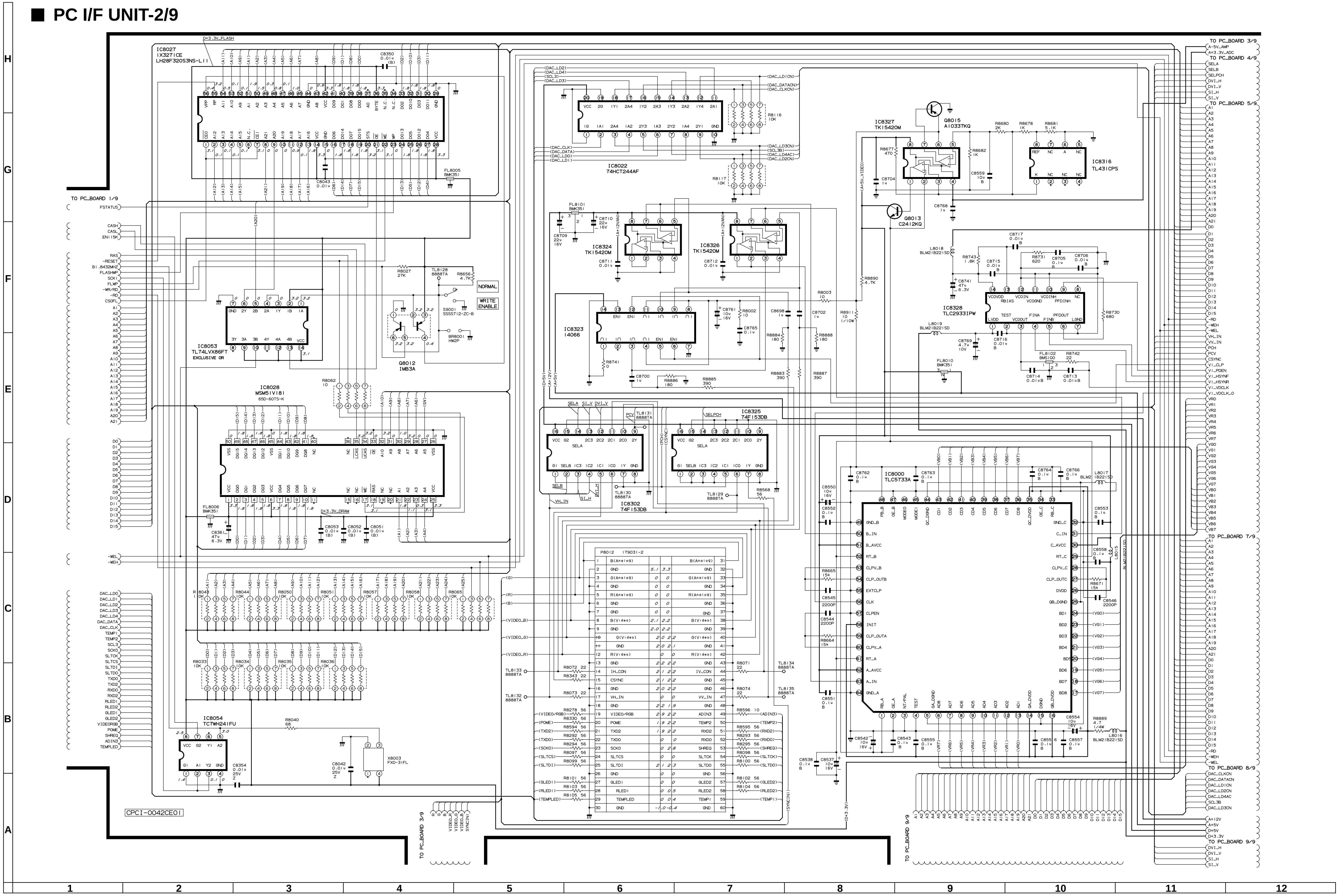
6
7
8
9
10
11
12
IC8001
IX3270CE
HD6417709
IC8003
AT24C128N-10SC-2.7
EEP ROM
IC8333
NC7ST08M
IC8019
PST623XW
IC8002
PST600IM
IC8052
TC7W241F
TC7WH241FU
IC8306
TC74HCT125T
D8002
MA157A
D8001
MA157A
D8847
MA157A
X8001
CX-5F
(6M)
FL8001
BMS100
FL8003
BMK351
TO PC_BOARD 2/9
TO PC_BOARD 3/9
TO PC_BOARD 4/9
TO PC_BOARD 5/9
TO PC_BOARD 7/9
TO PC_BOARD 8/9
TO PC_BOARD 9/9
CPCI-0042CE01

■ PC I/F UNIT-2/9


IC8027
IX3271CE
LH28F320S3NS-L11
IC8022
74HCT244AF
IC8327
TK15420M
Q8015
A1037KQ
IC8316
TL431CPS
Q8013
C2412KQ
IC8324
TK15420M
IC8326
TK15420M
IC8328
TLC2933IPW
IC8323
14066
IC8053
TLT4LVX86FT
EXCLUSIVE OR
Q8012
IMB3A
S9001
SSSST12-ZC-B
NORMAL
WRITE ENABLE
BR8001
HW2P
IC8028
MSM51V18I
65D-60TS-K
IC8325
74F153DB
IC8302
74F153DB
IC8000
TLC5733A
P8012 179031-2
IC8054
TCTWH241FU
X8003
FX0-31FL
CPCI-0042CE01
TO PC_BOARD 1/9
TO PC_BOARD 3/9
TO PC_BOARD 4/9
TO PC_BOARD 5/9
TO PC_BOARD 7/9
TO PC_BOARD 8/9
TO PC_BOARD 9/9
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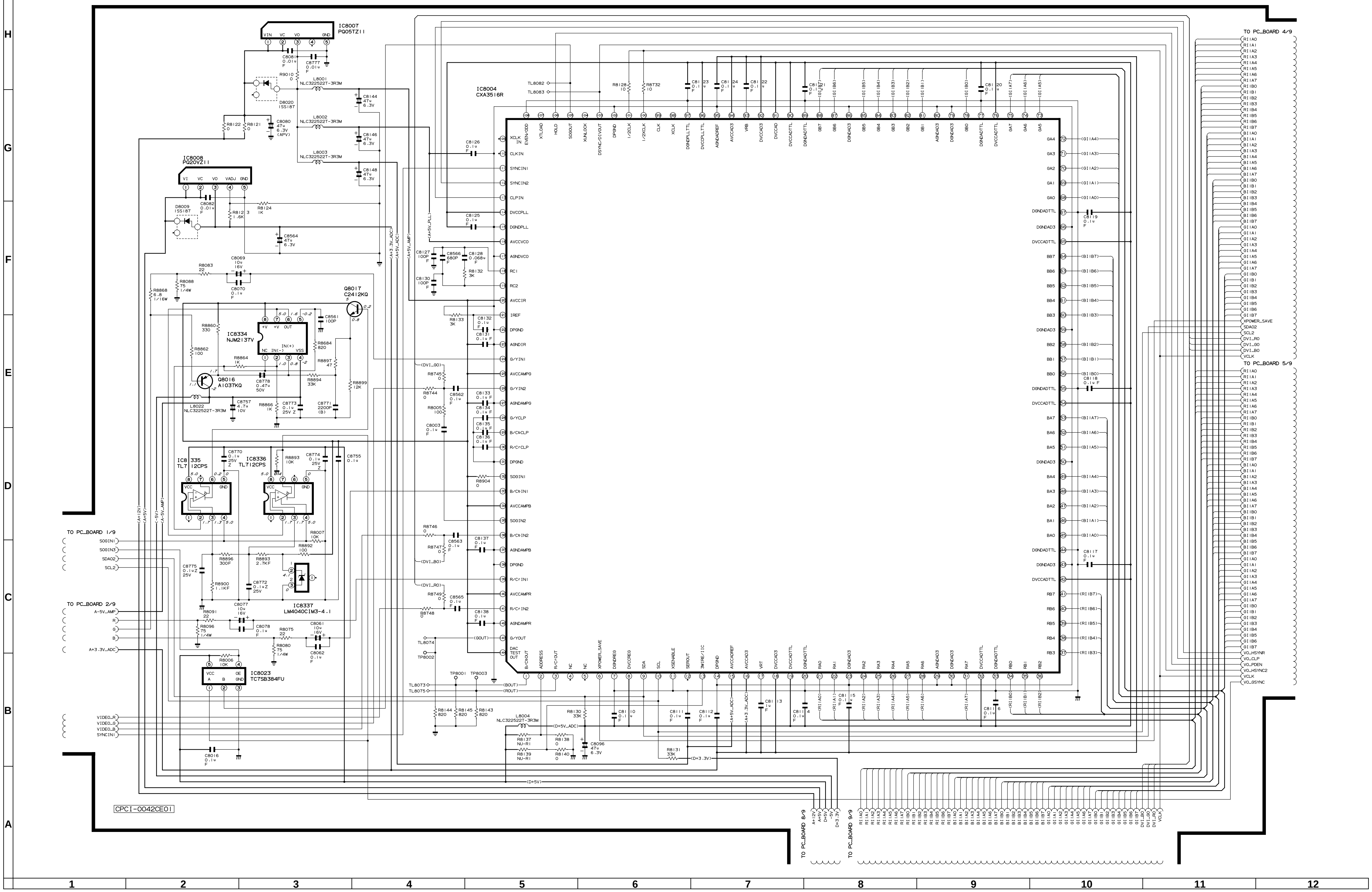
■ PC I/F UNIT-3/9


IC8007
PQ05TZ11
IC8008
PQ20VZ11
IC8004
CXA3516R
IC8334
NJM2137V
Q8017
C2412KQ
Q8016
A1037KQ
IC8335
TL712CPS
IC8336
TL712CPS
IC8337
LM4040CIM3-4.1
IC8023
TC7SB384FU
TO PC_BOARD 1/9
TO PC_BOARD 2/9
TO PC_BOARD 4/9
TO PC_BOARD 5/9
TO PC_BOARD 8/9
TO PC_BOARD 9/9
CPCI-0042CE01
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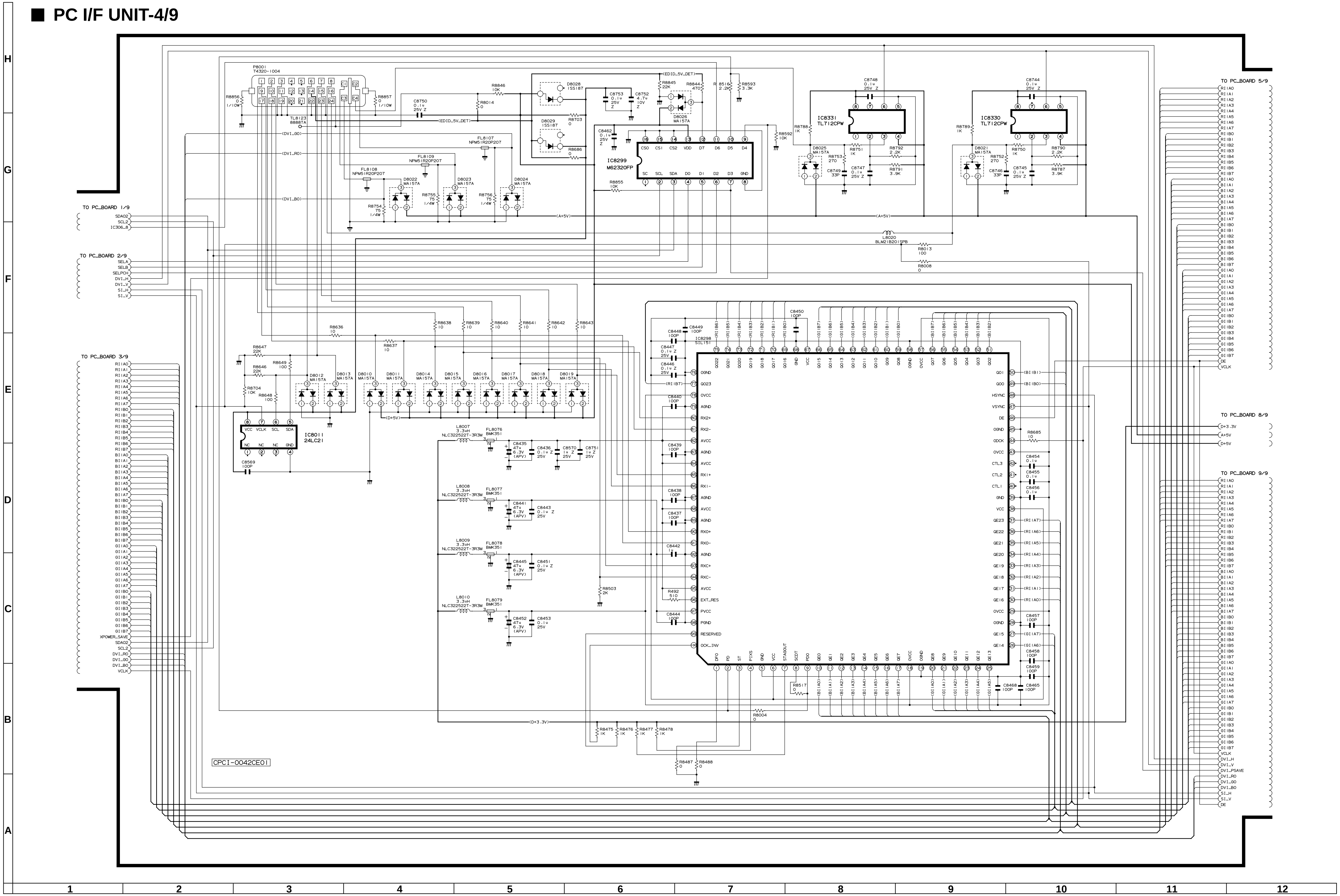
■ PC I/F UNIT-4/9


H
G
F
E
D
C
B
A
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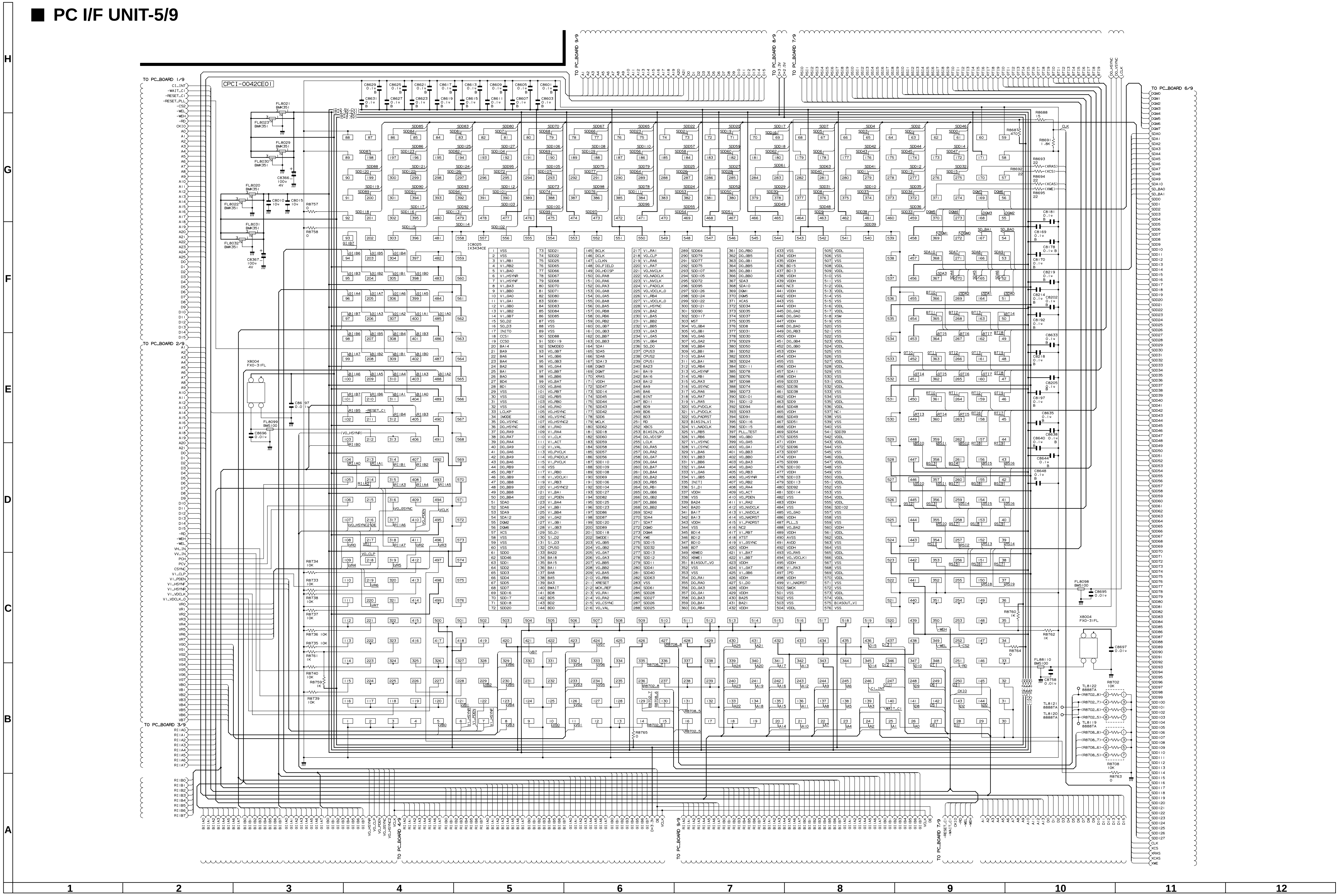
7
8
9
10
11
12
P8001
74320-1004
TL8123
8888TA
IC8299
M62320FP
IC8331
TLT12CPW
IC8330
TLT12CPW
IC8011
24LC21
IC8298
SIL151
L8020
BLM21B201SPB
L8007
3.3μH
NLC322522T-3R3M
L8008
3.3μH
NLC322522T-3R3M
L8009
3.3μH
NLC322522T-3R3M
L8010
3.3μH
NLC322522T-3R3M
FL8076
BMK351
FL8077
BMK351
FL8078
BMK351
FL8079
BMK351
FL8107
NPM51R20P207
FL8108
NPM51R20P207
FL8109
NPM51R20P207
D8028
1SS187
D8029
1SS187
D8026
MA157A
D8025
MA157A
D8021
MA157A
D8022
MA157A
D8023
MA157A
D8024
MA157A
D8012
MA157A
D8013
MA157A
D8010
MA157A
D8011
MA157A
D8014
MA157A
D8015
MA157A
D8016
MA157A
D8017
MA157A
D8018
MA157A
D8019
MA157A
(EDID_5V_DET)
(DVI_GO)
(DVI_RO)
(DVI_BO)
(A+5V)
(D+5V)
(D+3.3V)
TO PC_BOARD 1/9
SDA02
SCL2
IC306_8
TO PC_BOARD 2/9
SELA
SELB
SELPCH
DVI_H
DVI_V
SI_H
SI_V
TO PC_BOARD 3/9
XPOWER_SAVE
SDA02
SCL2
DVI_RO
DVI_GO
DVI_BO
VCLK
TO PC_BOARD 5/9
TO PC_BOARD 8/9
D+3.3V
A+5V
D+5V
TO PC_BOARD 9/9
DVI_H
DVI_V
DVI_PSAVE
DVI_RO
DVI_GO
DVI_BO
SI_H
SI_V
DE
CPCI-0042CE01

■ PC I/F UNIT-5/9


TO PC_BOARD 1/9
TO PC_BOARD 2/9
TO PC_BOARD 3/9
TO PC_BOARD 4/9
TO PC_BOARD 6/9
TO PC_BOARD 7/9
TO PC_BOARD 8/9
TO PC_BOARD 9/9
CPCI-0042CE01
IC8025
IX3434CE
X8004
FXO-31FL
FL8021
FL8023
FL8029
FL8030
FL8020
FL8022
FL8031
FL8032
BMK351
FL8099
FL8098
FL8110
BMS100
TL8122
TL8121
TL8120
TL8119
8888TA
H
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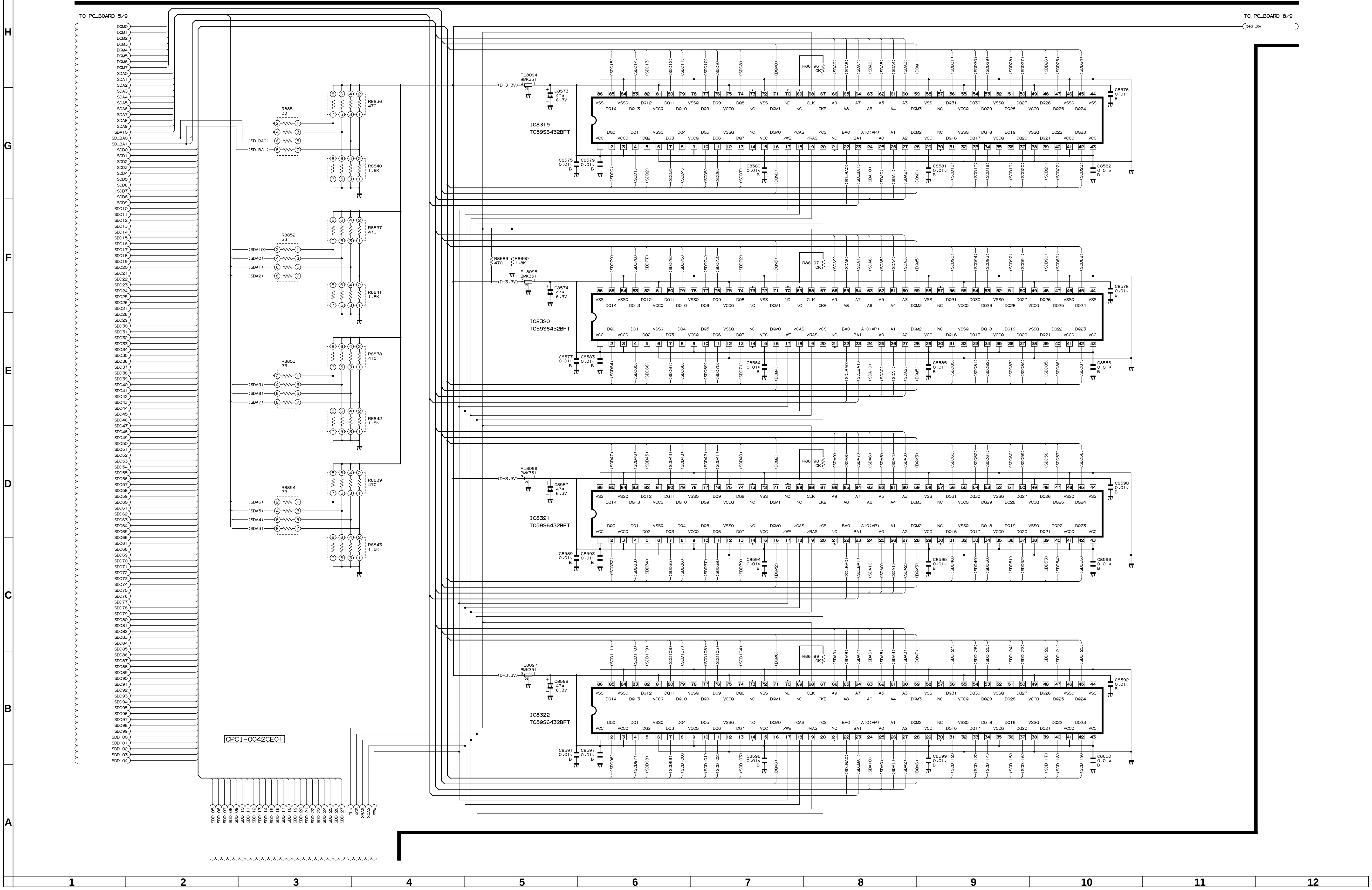
■ PC I/F UNIT-6/9


TO PC_BOARD 5/9
TO PC_BOARD 8/9
(D+3.3V)
DQM0
DQM1
DQM2
DQM3
DQM4
DQM5
DQM6
DQM7
SDA0
SDA10
SD_BA0
SD_BA1
SDD0
SDD104
FL8094 BMK351
FL8095 BMK351
FL8096 BMK351
FL8097 BMK351
R8836 470
R8837 470
R8838 470
R8839 470
R8840 1.8K
R8841 1.8K
R8842 1.8K
R8843 1.8K
R8851 33
R8852 33
R8853 33
R8854 33
R8689 470
R8690 1.8K
R8696 10K
R8697 10K
R8698 10K
R8699 10K
C8573 47u 6.3V
C8574 47u 6.3V
C8587 47u 6.3V
C8588 47u 6.3V
C8576 0.01u B
C8578 0.01u B
C8590 0.01u B
C8592 0.01u B
IC8319 TC59S6432BFT
IC8320 TC59S6432BFT
IC8321 TC59S6432BFT
IC8322 TC59S6432BFT
VSS
VSSQ
VCC
VCCQ
CLK
CKE
/CAS
/RAS
/CS
/WE
BA0
BA1
A10(AP)
NC
CPCI-0042CE01
CLK
XCS
XRAS
XCAS
XWE
H
G
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C
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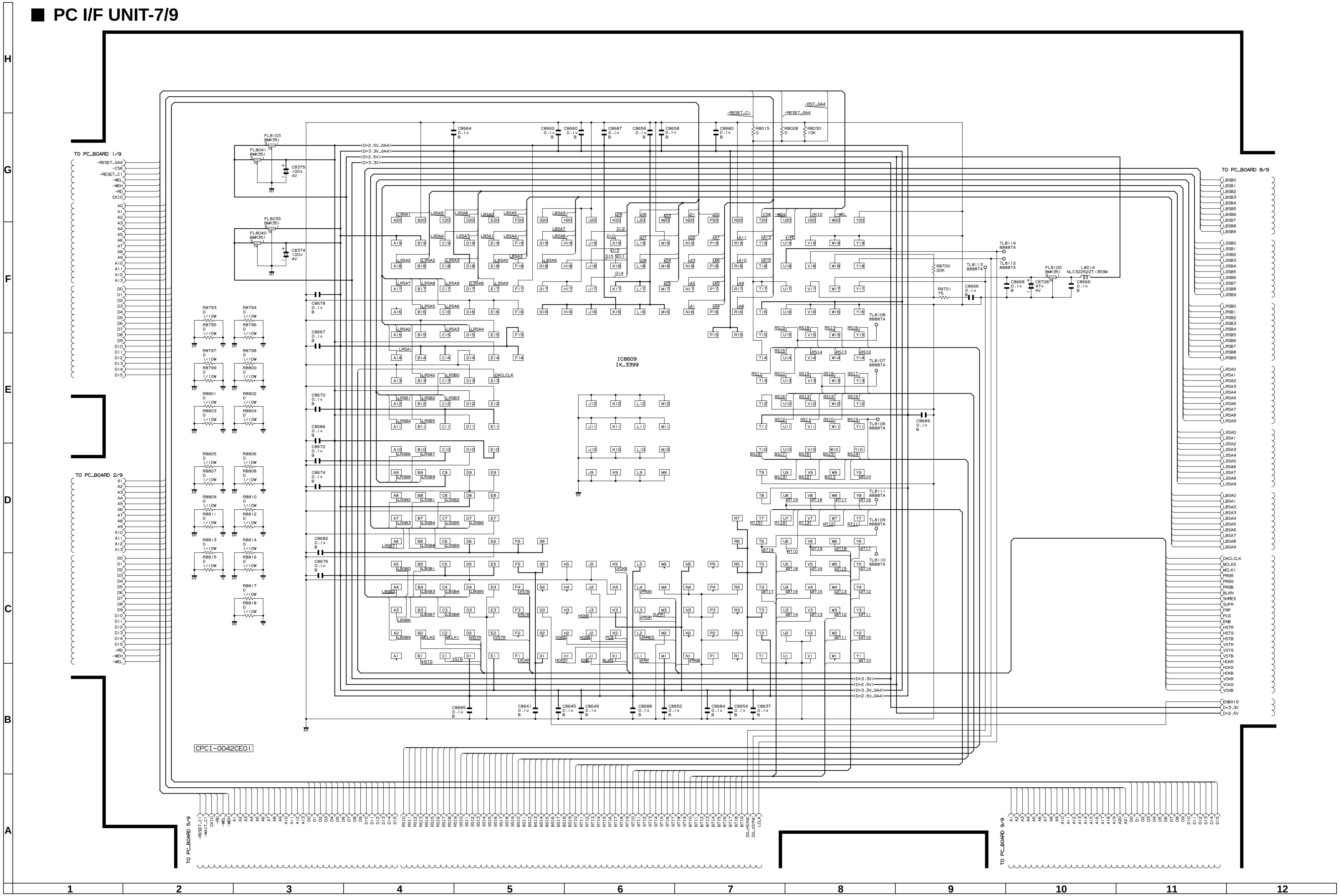
■ PC I/F UNIT-7/9


TO PC_BOARD 1/9
TO PC_BOARD 2/9
TO PC_BOARD 5/9
TO PC_BOARD 8/9
TO PC_BOARD 9/9
IC8609
IX_3399
CPCI-0042CE01
FL8103 BMK35I
FL8041 BMK35I
FL8039 BMK35I
FL8040 BMK35I
FL8100 BMK35I
L8014 NLC322522T-3R3M
C8375 100u 4V
C8374 100u 4V
C8708 47u 4V
C8664 0.1u B
C8662 0.1u B
C8660 0.1u B
C8687 0.1u B
C8656 0.1u B
C8658 0.1u B
C8680 0.1u B
C8678 0.1u B
C8667 0.1u B
C8670 0.1u B
C8686 0.1u B
C8672 0.1u B
C8674 0.1u B
C8682 0.1u B
C8676 0.1u B
C8685 0.1u B
C8641 0.1u B
C8645 0.1u B
C8649 0.1u B
C8688 0.1u B
C8652 0.1u B
C8684 0.1u B
C8654 0.1u B
C8637 0.1u B
C8689 0.1u B
C8666 0.1u B
C8668 0.1u B
R8015 0
R8028 0
R8030 10K
R8700 20K
R8701 75
R8793 0 1/10W
R8794 0 1/10W
R8795 0 1/10W
R8796 0 1/10W
R8797 0 1/10W
R8798 0 1/10W
R8799 0 1/10W
R8800 0 1/10W
R8801 0 1/10W
R8802 0 1/10W
R8803 0 1/10W
R8804 0 1/10W
R8805 0 1/10W
R8806 0 1/10W
R8807 0 1/10W
R8808 0 1/10W
R8809 0 1/10W
R8810 0 1/10W
R8811 0 1/10W
R8812 0 1/10W
R8813 0 1/10W
R8814 0 1/10W
R8815 0 1/10W
R8816 0 1/10W
R8817 0 1/10W
R8818 0 1/10W
TL8114 8888TA
TL8113 8888TA
TL8112 8888TA
TL8108 8888TA
TL8107 8888TA
TL8106 8888TA
TL8111 8888TA
TL8109 8888TA
TL8110 8888TA
(D+2.5V_GA4)
(D+3.3V_GA4)
(D+2.5V)
(D+3.3V)
-RESET_GA4
-CS6
-RESET_CI
-WEL
-WEH
-RD
CKIO
-RST_GA4
DACLCLK
MCLK2
MCLK1
PRGR
PRGG
PRGB
BLKN
SHRES
SUFR
FRP
PCG
ENB
HSTR
HSTG
HSTB
VSTR
VSTG
VSTB
HCKR
HCKG
HCKB
VCKR
VCKG
VCKB
ENBXIG
D+3.3V
D+2.5V
DCLK
DO_HSYNC
DO_VSYNC
-WAIT_CI
1
2
3
4
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A
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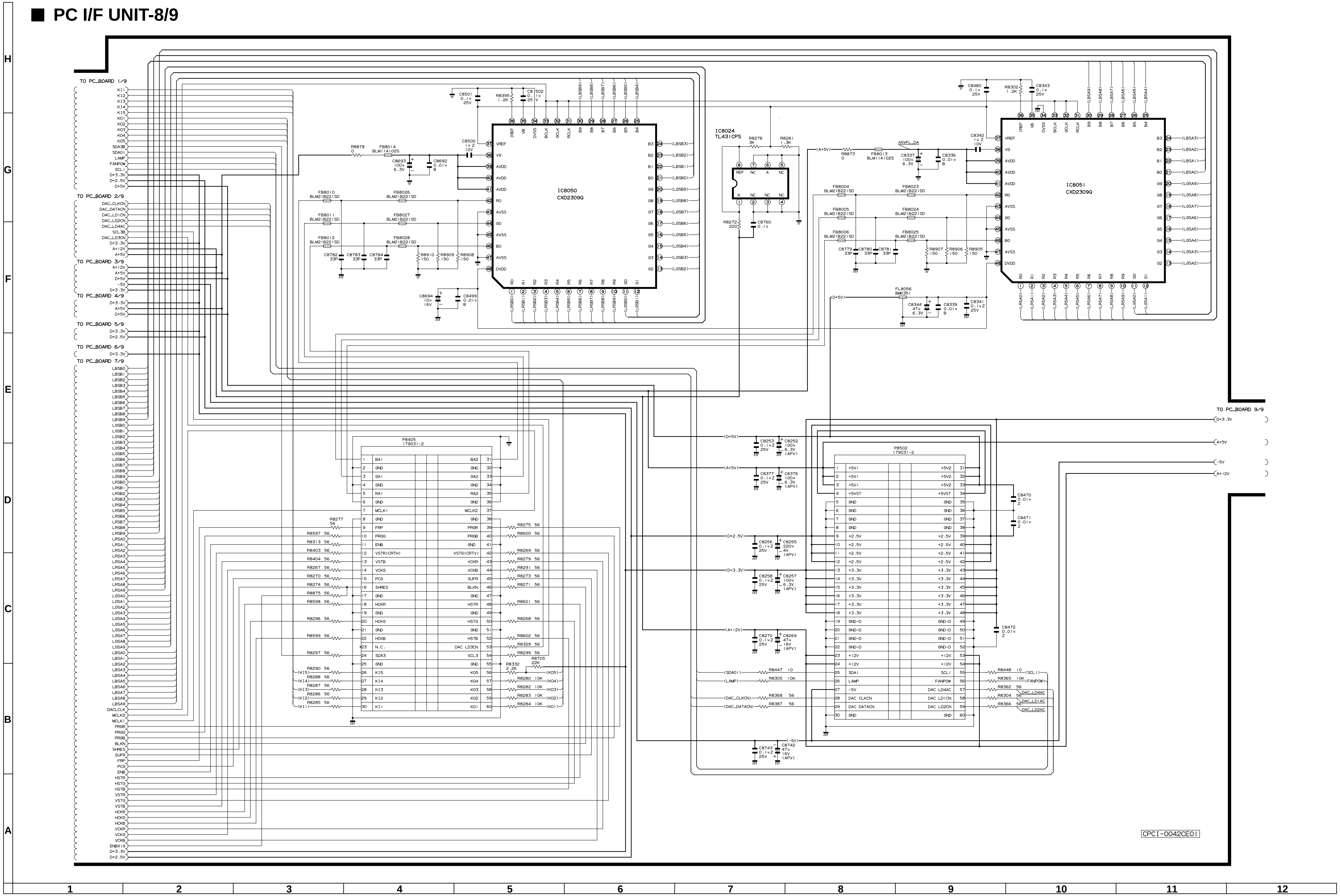
H

■ PC I/F UNIT-8/9


TO PC_BOARD 1/9
TO PC_BOARD 2/9
TO PC_BOARD 3/9
TO PC_BOARD 4/9
TO PC_BOARD 5/9
TO PC_BOARD 6/9
TO PC_BOARD 7/9
TO PC_BOARD 9/9
IC8050
CXD2309Q
IC8051
CXD2309Q
IC8024
TL431CPS
P8405
179031-2
P8502
179031-2
FL8056
BMK351
CPCI-0042CE01
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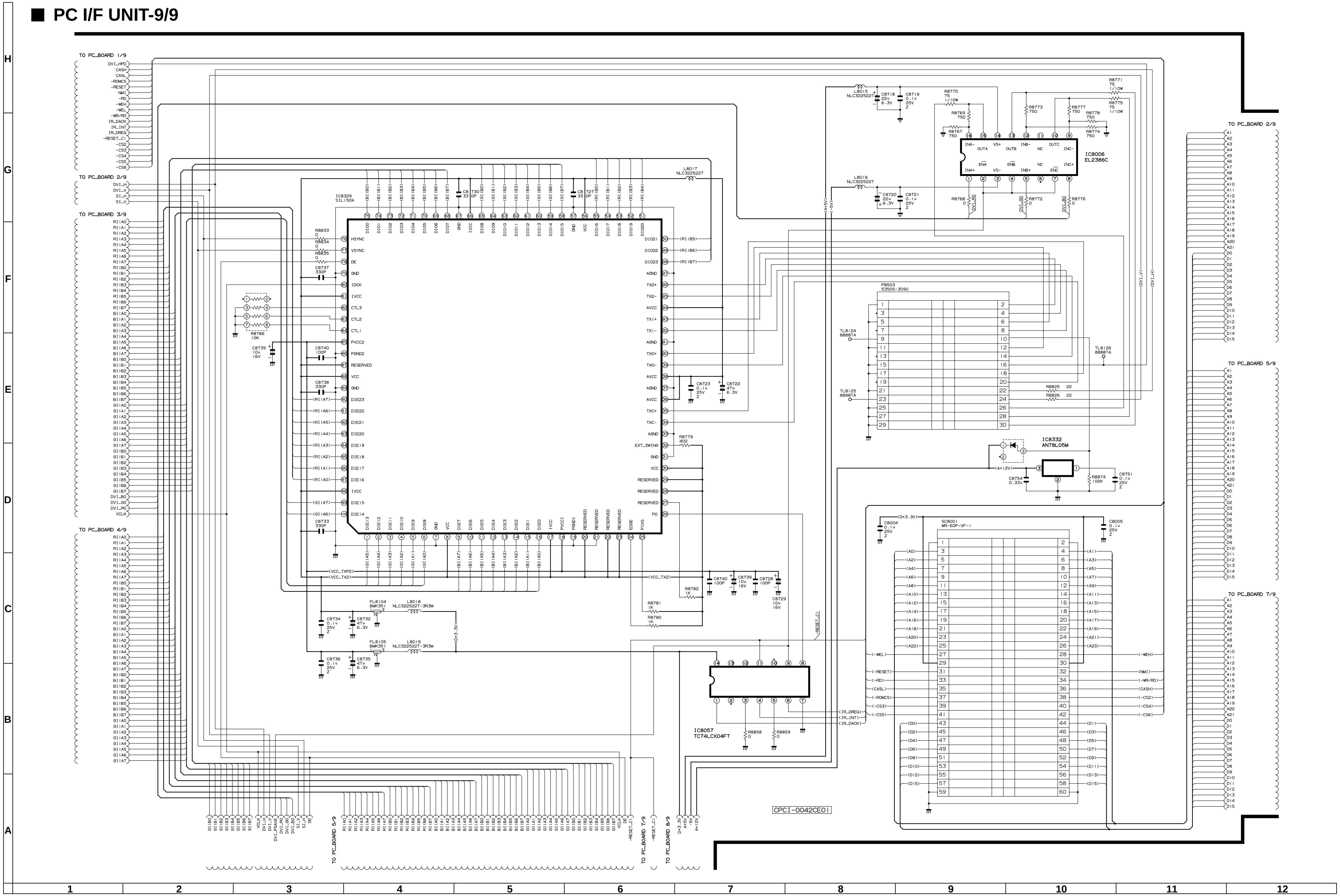
12

■ PC I/F UNIT-9/9


TO PC_BOARD 1/9
TO PC_BOARD 2/9
TO PC_BOARD 3/9
TO PC_BOARD 4/9
TO PC_BOARD 5/9
TO PC_BOARD 7/9
TO PC_BOARD 8/9
IC8329
SIL150A
IC8006
EL2386C
IC8332
AN78L05M
IC8057
TC74LCX04FT
SC8001
WR-60P-VF-1
P8503
53505-3090
L8015
NLC322522T
L8016
NLC322522T
L8017
NLC322522T
L8018
NLC322522T-3R3M
L8019
NLC322522T-3R3M
FL8104
BMK351
FL8105
BMK351
TL8124
8888TA
TL8125
8888TA
TL8126
8888TA
CPCI-0042CE01
H
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11
12

PRINTED WIRING BOARD ASSEMBLIES

H

G

F

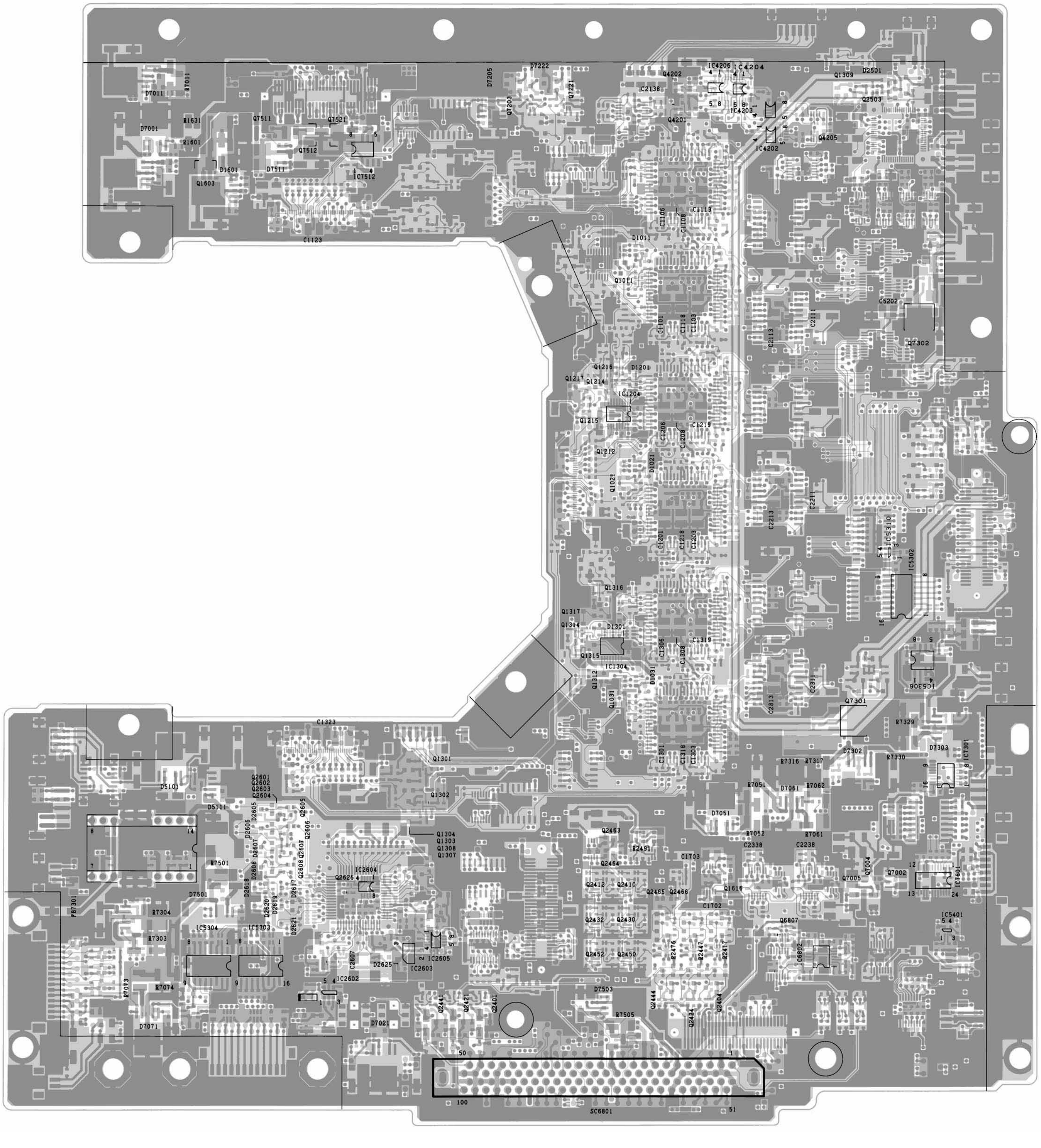
E

D

C

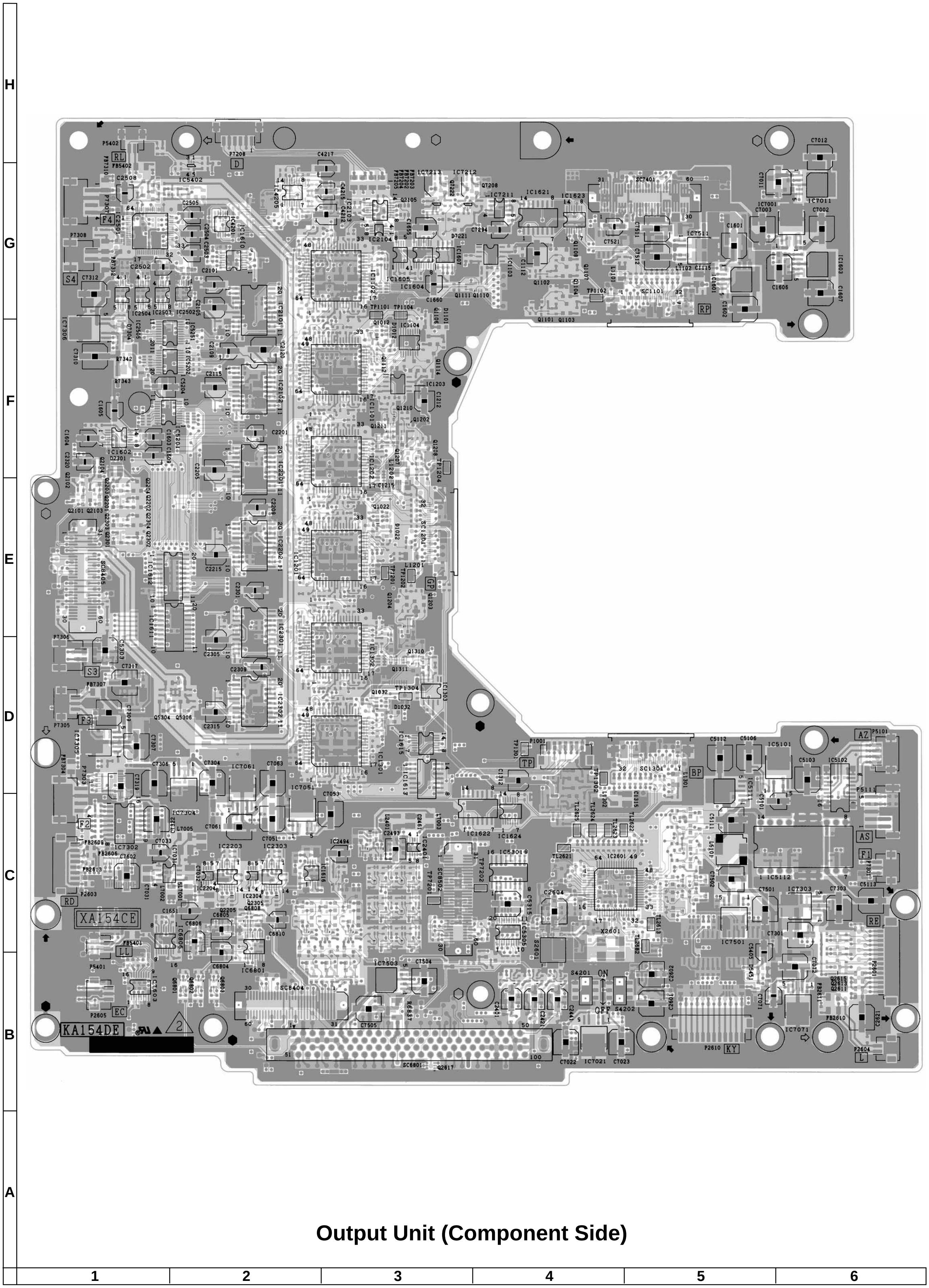
B

A

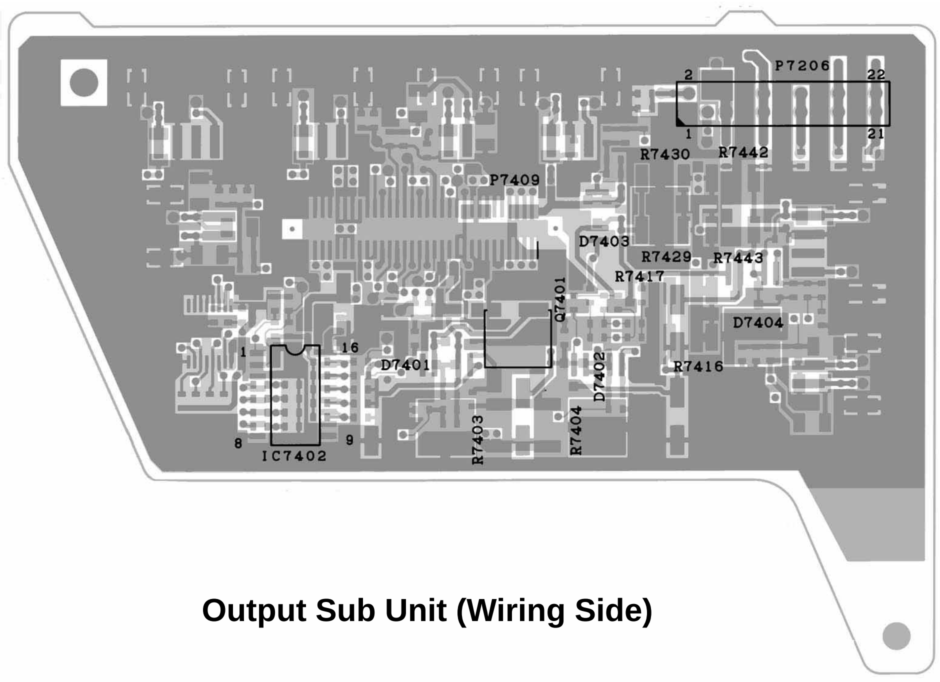

D7011
R7011
D7001
R1631
R1601
Q1603
D1601
Q7511
Q7521
Q7512
D7511
IC7512
C1123
D7205
D7222
Q7203
Q7221
Q4202
C2138
IC4206
IC4204
IC4203
IC4202
Q4201
Q1309
D2501
Q2503
Q4205
C1106
C1108
C1118
D1011
Q1011
C1101
C1113
C1103
C2113
C2111
C5202
Q7302
Q1216
Q1217
Q1214
D1201
IC1204
Q1215
C1206
C1208
C1219
Q1212
D1021
Q1021
C2211
C2213
C1201
C1218
C1203
IC5310
IC5302
Q1316
Q1317
Q1314
D1301
Q1315
IC1304
C1306
C1308
C1319
Q1312
D1031
Q1031
C2311
C2313
IC5301
Q7301
R7329
C1323
Q1301
C1301
C1318
C1303
D7302
R7330
D7303
IC7301
R7316
R7317
R7051
D7061
R7062
D5101
Q2601
Q2602
Q2603
Q2604
Q1302
D5111
D7051
R7052
R7061
C2338
C2238
Q1304
Q1303
Q1308
Q1307
Q2463
R2491
R7501
Q2454
C1703
Q7004
Q7002
Q7005
IC7601
Q2412
Q2410
Q2465
Q2466
Q1616
C1702
D7501
IC2604
Q2626
PBT301
R7304
R7303
IC5304
IC5303
Q2432
Q2430
Q6807
IC5401
Q2452
Q2450
R2476
R2447
R2417
Q6802
D2625
IC2605
IC2603
C2607
IC2602
R7073
R7074
D7503
R7505
D7071
D7021
Q2441
Q2421
Q2401
Q2444
Q2424
Q2404
50
1
100
SC6801
51

Output Unit (Wiring Side)

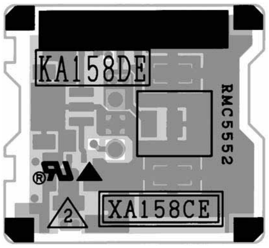
1	2	3	4	5	6


H
G
F
E
D
C
B
A
1
2
3
4
5
6
XA154CE
KA154DE
SC6801
SC1101
SC1304
IC2601
X2601
S4201
S4202
ON
OFF

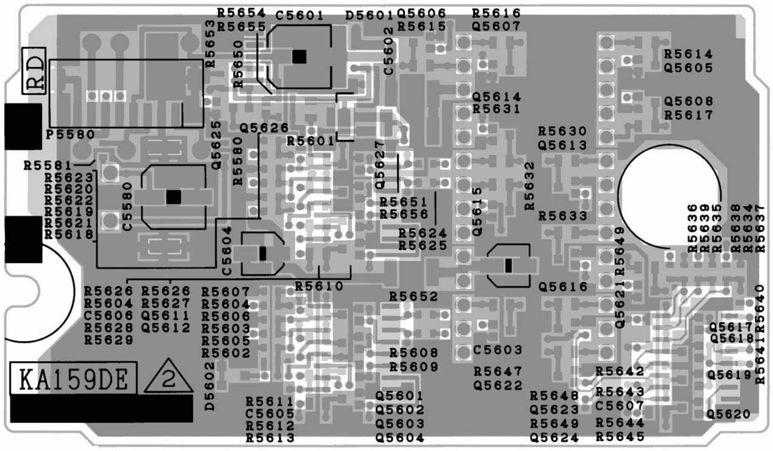
Output Unit (Component Side)


P7206
2
22
1
21
R7430
R7442
P7409
D7403
R7429
R7443
R7417
Q7401
D7404
1
16
D7401
D7402
R7416
8
9
IC7402
R7403
R7404

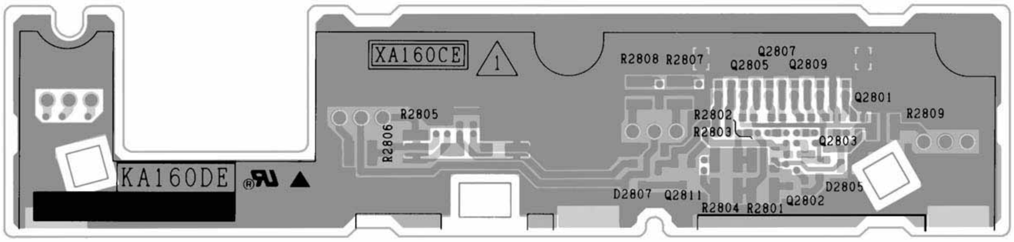
Output Sub Unit (Wiring Side)


KA158DE
RMC5552
XA158CE
2

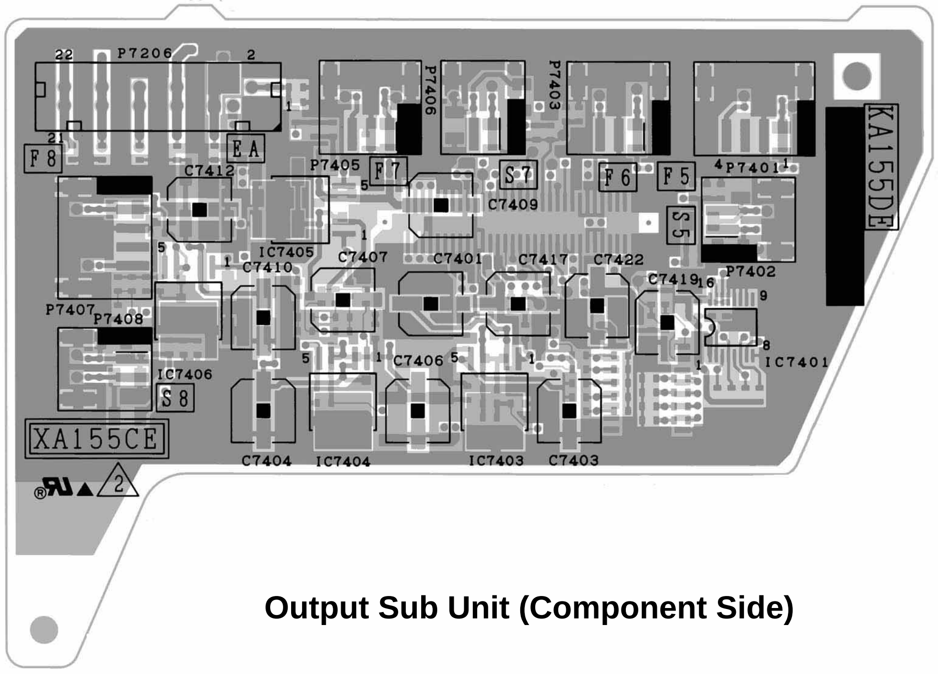
R/C Receiver-1 Unit (Wiring Side)


R5654
R5655
C5601
D5601
Q5606
R5615
R5616
Q5607
R5653
R5650
C5602
RD
R5614
Q5605
Q5614
R5631
Q5608
R5617
P5580
Q5626
R5625
R5580
R5601
Q5627
R5630
Q5613
R5581
R5623
R5620
R5622
R5619
R5621
R5618
C5580
R5651
R5656
Q5615
R5632
R5633
R5636
R5639
R5635
R5638
R5634
R5637
C5604
R5624
R5625
R5649
Q5616
R5610
R5626
R5604
C5606
R5628
R5629
R5626
R5627
Q5611
Q5612
R5607
R5604
R5606
R5603
R5605
R5602
R5652
Q5621
R5640
Q5617
Q5618
R5641
R5608
R5609
C5603
KA159DE
2
R5647
Q5622
R5642
Q5619
D5602
R5611
C5605
R5612
R5613
Q5601
Q5602
Q5603
Q5604
R5648
Q5623
R5649
Q5624
R5643
C5607
R5644
R5645
Q5620

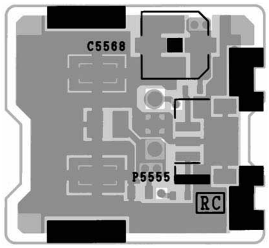
R/C Receiver-2 Unit (Wiring Side)


XA160CE
1
R2808
R2807
Q2807
Q2805
Q2809
Q2801
R2809
R2805
R2806
R2802
R2803
Q2803
KA160DE
D2807
Q2811
R2804
R2801
Q2802
D2805

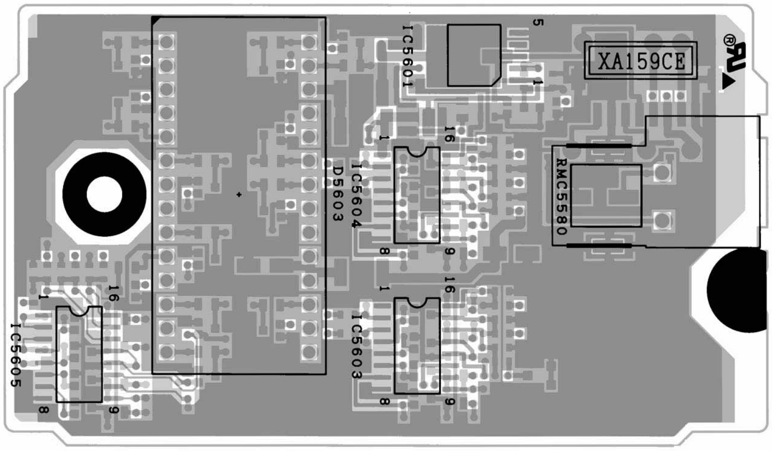
LED Unit (Wiring Side)


22
P7206
2
1
21
F8
EA
P7406
P7403
P7405
F7
5
S7
F6
F5
4 P7401 1
KA155DE
C7412
C7409
S5
5
IC7405
1
1
C7410
C7407
C7401
C7417
C7422
C7419
16
P7402
9
P7407
P7408
8
5
1
C7406
5
1
IC7401
1
IC7406
S8
XA155CE
C7404
IC7404
IC7403
C7403
2

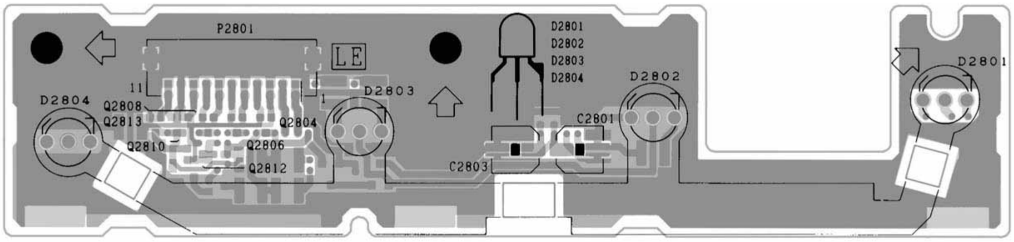
Output Sub Unit (Component Side)


C5568
P5555
RC

R/C Receiver-1 Unit (Component Side)


IC5601
5
1
XA159CE
1
16
D5603
IC5604
RMC5580
8
9
1
16
16
1
IC5605
IC5603
8
9
8
9

R/C Receiver-2 Unit (Component Side)


P2801
LE
D2801
D2802
D2803
D2804
11
1
D2803
D2802
D2801
D2804
Q2808
Q2813
Q2804
C2801
Q2810
Q2806
Q2812
C2803

LED Unit (Component Side)

H
G
F
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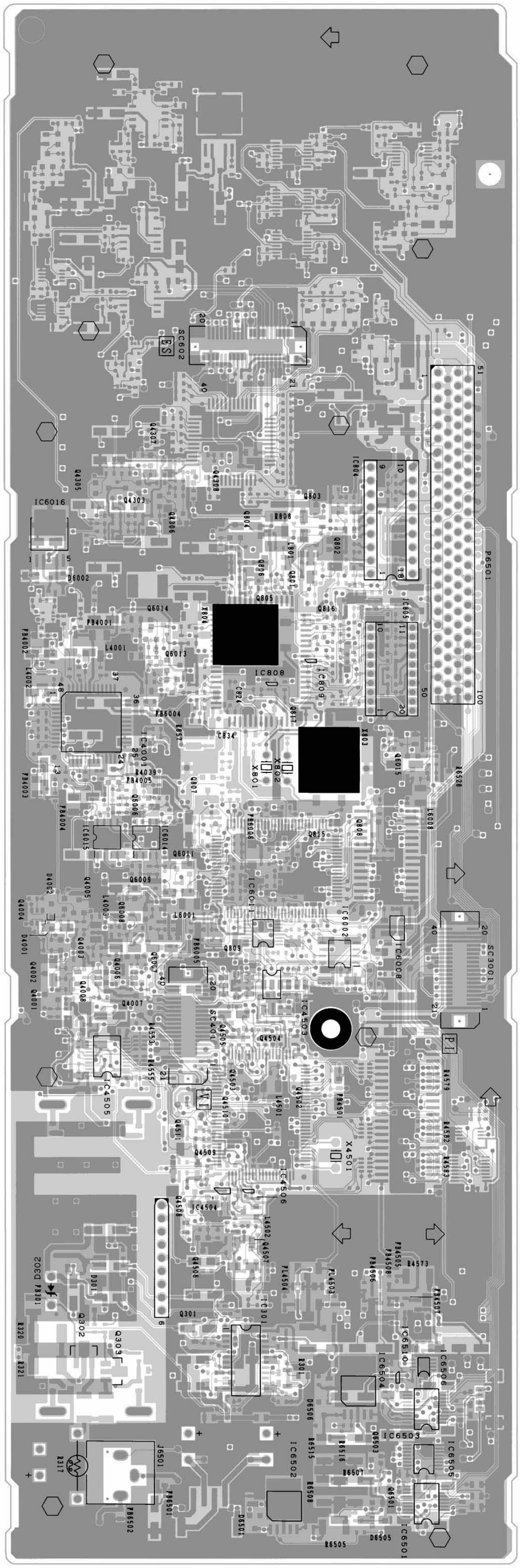
A

1	2	3	4	5	6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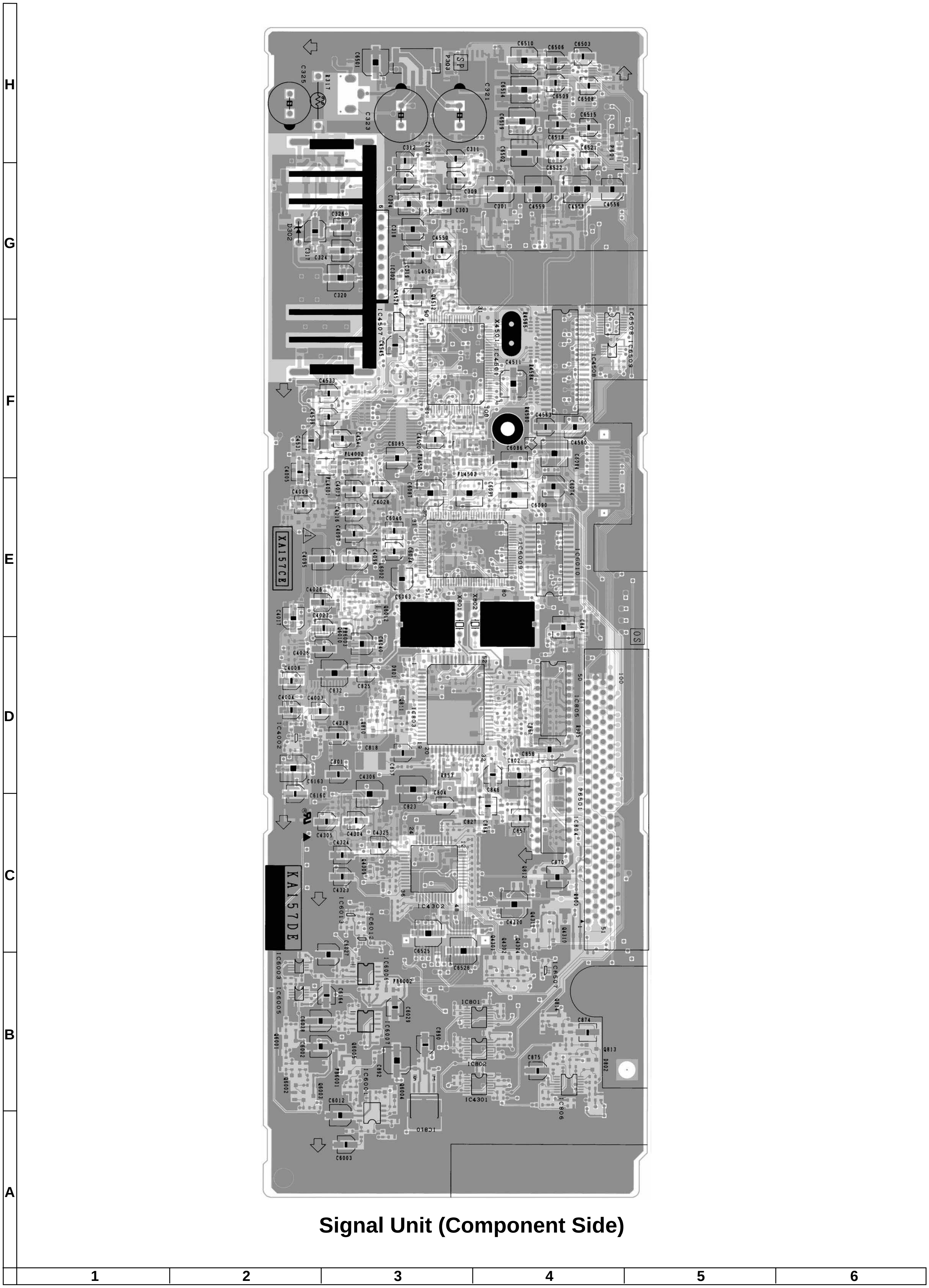
SC602
IC804
P6501
IC6016
Q4305
Q4303
Q4306
Q803
Q802
Q805
Q806
D6002
Q6014
Q6013
FB4001
L4001
IC808
IC809
IC805
IC6012
X801
X802
X803
Q6015
L6008
R6528
Q815
Q808
IC6015
IC6014
Q6011
Q6009
IC6011
IC6002
IC6008
SC3001
L6001
Q809
SC4001
IC4503
Q4504
IC4505
X4501
IC4506
IC4504
Q4508
Q301
IC301
Q302
Q303
D302
D301
R320
R321
R317
J6501
FB6502
FB6501
D6501
IC6502
IC6504
IC6510
IC6506
IC6503
IC6505
IC6501
D6505
R6505
R6507
R6508
R4573

Signal Unit (Wiring Side)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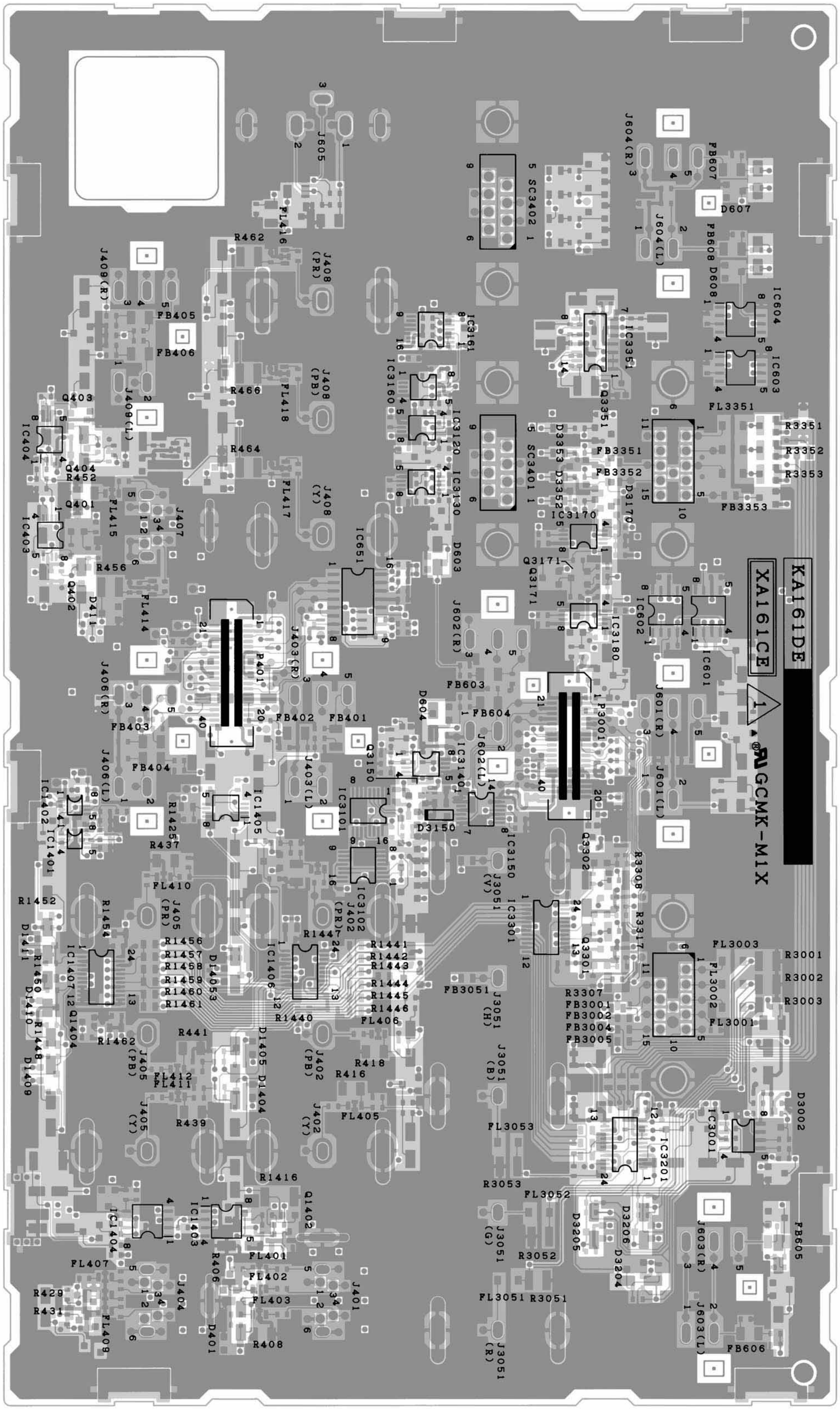
XA157CE
KA157DE

Signal Unit (Component Side)


H
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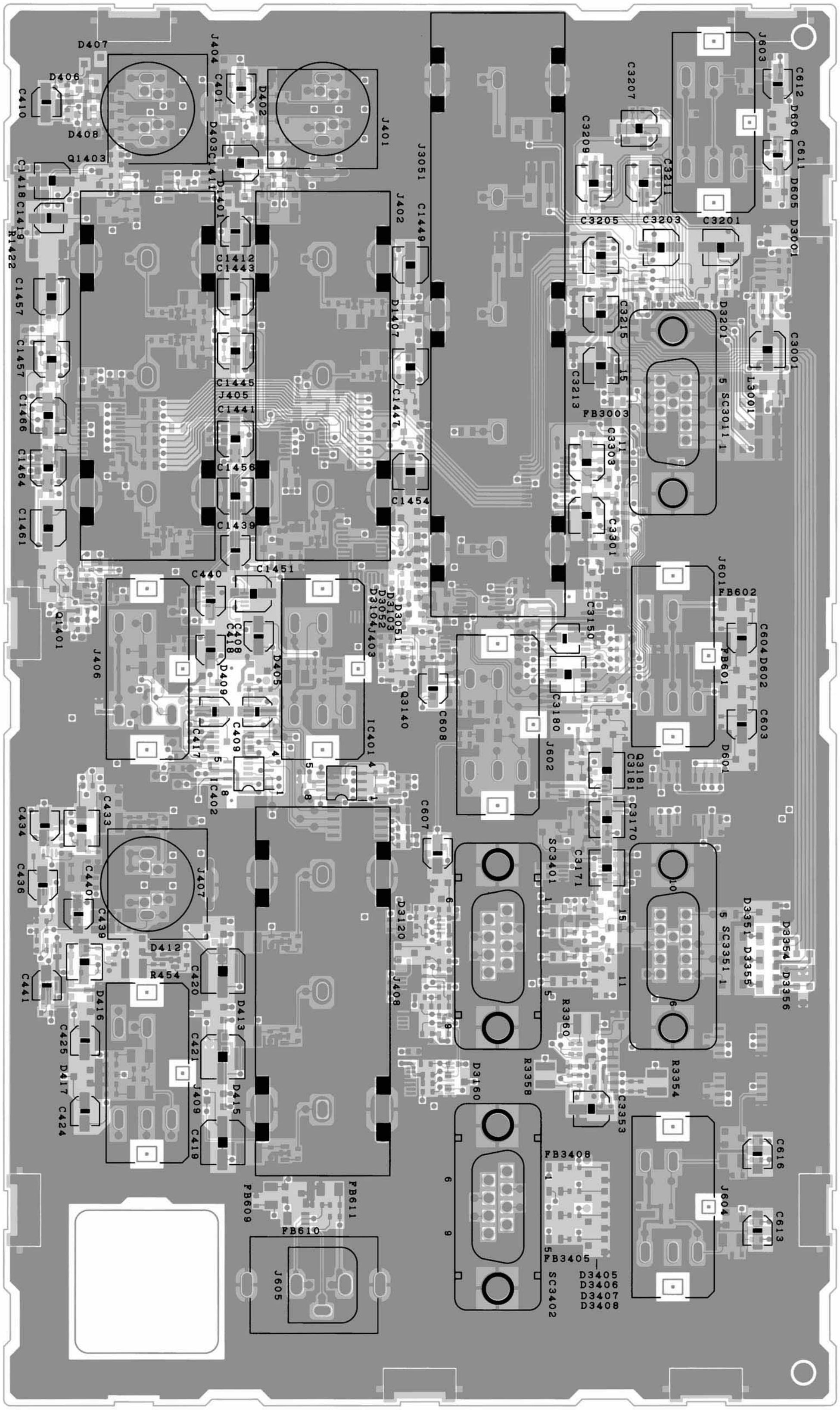
J605
SC3402
J604(R)
J604(L)
FB607
FB608
D607
D608
IC604
IC603
FL416
R462
J408(PR)
J408(PB)
J408(Y)
J409(R)
J409(L)
FB405
FB406
IC3161
IC3160
IC3120
IC3130
IC3351
Q3351
R466
R464
FL418
FL417
Q403
Q404
R452
Q401
IC404
IC403
FL415
J407
Q402
D411
R456
FL414
IC651
D603
SC3401
D3353
D3352
D3170
IC3170
FB3351
FB3352
FL3351
R3351
R3352
R3353
FB3353
Q3171
IC3180
IC602
IC601
KA161DE
XA161CE
GCMK-M1X
J406(R)
J406(L)
FB403
FB404
P401
J403(R)
J403(L)
FB402
FB401
J602(R)
J602(L)
FB603
FB604
D604
Q3150
IC3140
P3001
J601(R)
J601(L)
IC1402
IC1401
IC1405
R1425
R437
IC3101
D3150
IC3150
Q3302
R3308
R3317
FL410
J405(PR)
J402(PR)
IC3102
J3051(V)
IC3301
R1452
R1454
D1411
R1450
D1410
R1448
D1409
IC1407
Q1404
R1456
R1457
R1458
R1459
R1460
R1461
D14053
IC1406
R1440
R1441
R1442
R1443
R1444
R1445
R1446
FL406
FB3051
J3051(H)
Q3301
R3307
FB3001
FB3002
FB3004
FB3005
FL3003
FL3002
FL3001
R3001
R3002
R3003
R1462
R441
J405(PB)
D1405
D1404
J402(PB)
R418
R416
FL412
FL411
J3051(B)
R439
J405(Y)
J402(Y)
FL405
FL3053
IC3201
IC3001
D3002
R1416
Q1402
IC1404
IC1403
R3053
FL3052
D3205
D3206
D3204
J603(R)
J603(L)
FB605
FL407
R406
FL401
FL402
FL403
J404
J401
J3051(G)
R3052
R429
R431
FL409
D401
R408
FL3051
R3051
J3051(R)
FB606

Input Unit (Wiring Side)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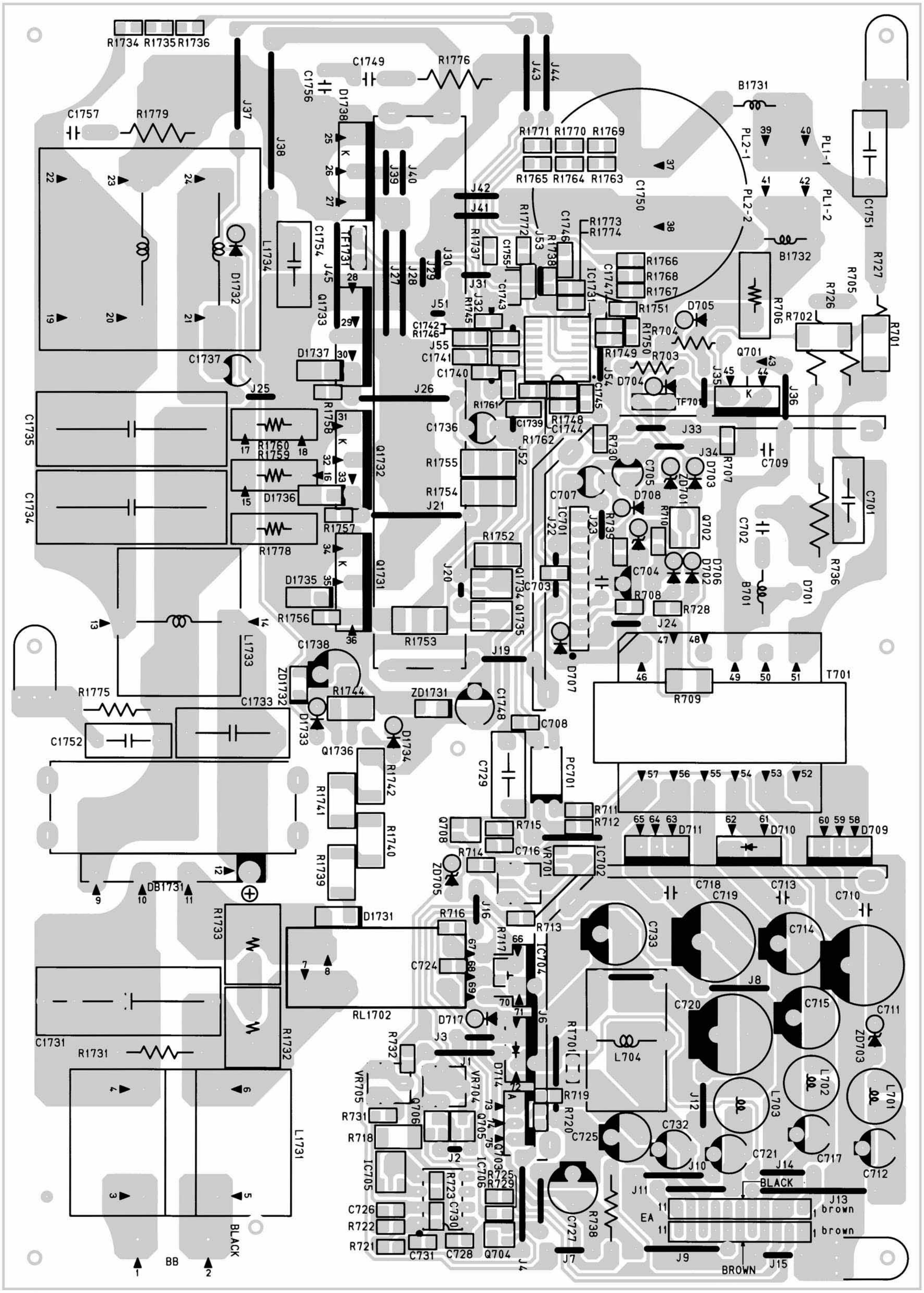
D407
J404
C401
D402
D406
C410
D408
D403
C1411
J401
Q1403
C1418
C1419
R1422
D1401
J402
J3051
C1449
C1412
C1443
C1457
C1466
C1464
C1461
D1407
C1445
J405
C1441
C1447
C1456
C1454
C1439
C1451
C440
C408
C418
Q1401
J406
D409
D405
D3103
D3052
D3104
D3051
J403
Q3140
C608
C417
C409
IC401
C402
C3207
C3209
C3211
C3205
C3203
C3201
J603
C612
D606
C611
D605
D3001
C3215
C3213
D3201
C3001
L3001
SC3011
FB3003
C3303
C3301
J601
FB602
C3150
C604
D602
FB601
C3180
J602
C603
D601
Q3181
C3181
C3170
C3171
SC3401
C607
D3120
J408
C434
C433
C436
C440
J407
C439
D412
R454
C441
C420
D416
C425
D417
C424
D413
C421
J409
D415
C419
SC3351
D3351
D3355
D3354
D3356
R3360
R3358
D3160
R3354
C3353
C616
FB3408
FB3405
D3405
D3406
D3407
D3408
SC3402
J604
C613
FB609
FB611
FB610
J605

Input Unit (Component Side)


H
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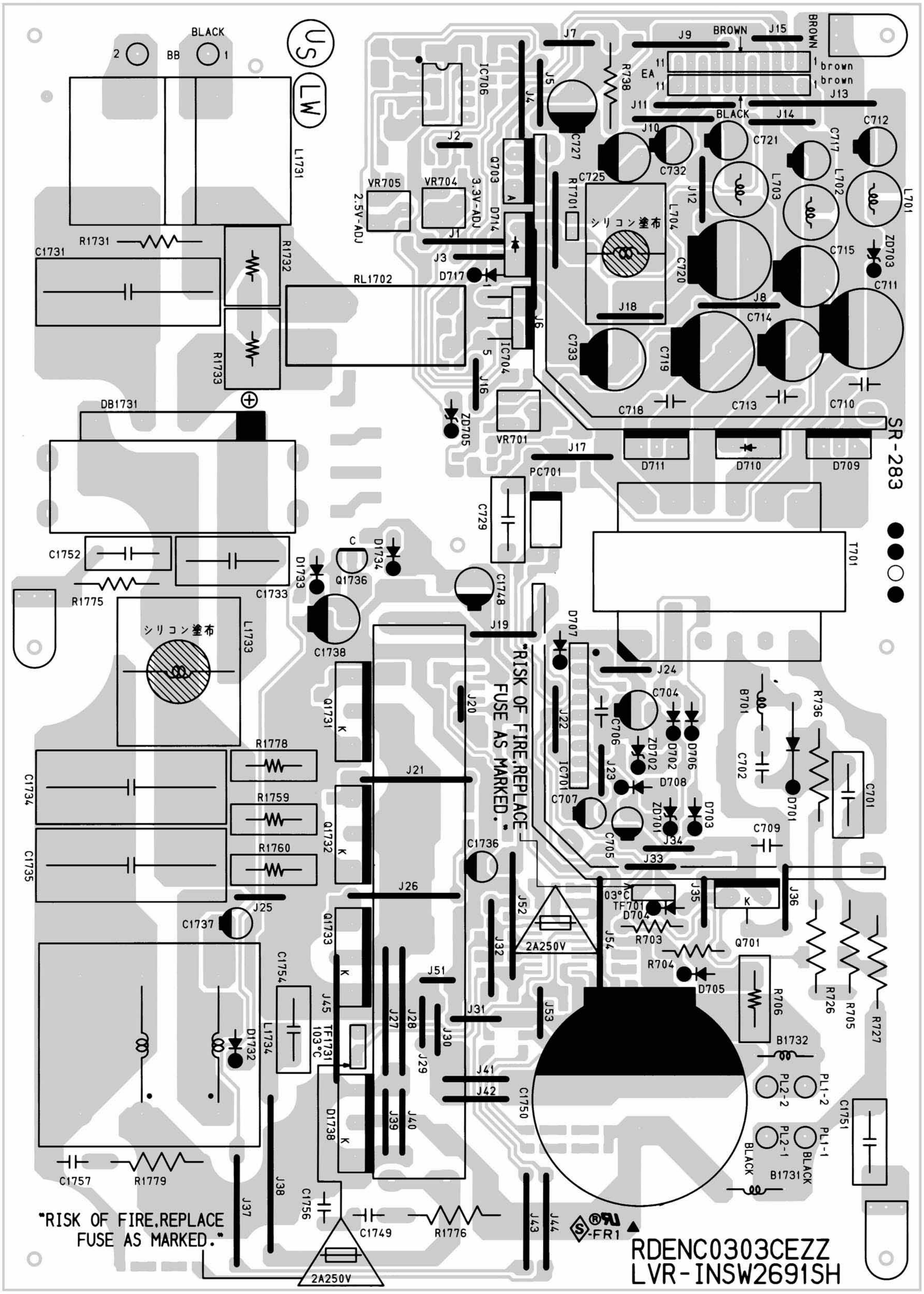
R1734
R1735
R1736
C1749
R1776
C1756
J43
J44
J37
D1738
C1757
R1779
J38
B1731
R1771
R1770
R1769
PL2-1
PL1-1
R1765
R1764
R1763
C1750
PL2-2
PL1-2
C1151
J39
J40
J42
J41
R1772
C1746
R1773
R1774
L1734
D1732
C1754
TF1731
J45
J27
J28
J29
J30
R1737
C1755
J53
R1738
B1732
R1727
R1705
R1726
R1766
R1768
R1767
Q1733
J31
J32
C1743
IC1731
C1747
R706
R702
J51
R1745
C1742
R1746
R1751
D705
R701
J55
C1741
R1750
R1704
C1737
D1737
C1740
R1749
R703
Q701
J25
J26
R1761
C1745
J54
D704
J35
TF701
J36
C1735
R1758
C1736
C1739
C1744
R1748
J33
R1760
R1759
Q1732
R1762
J52
R730
J34
R707
C709
R1755
C705
D703
ZD701
C701
C1734
D1736
R1754
C707
D708
R710
J21
R1757
IC701
J22
J23
R739
Q702
C702
R1778
R1752
D706
D702
R736
Q1731
J20
C704
D1735
Q1734
C703
Q1735
B701
D701
R708
R728
R1756
L1733
J24
R1753
C1738
J19
D707
R1775
ZD1732
R1744
ZD1731
C1748
T701
R709
C1733
D1733
C708
C1752
D1734
Q1736
R1742
C729
PC701
R1741
R1740
R711
R712
Q708
R715
D711
D710
D709
R714
C716
VR701
IC702
ZD705
R1739
DB1731
C718
C719
C713
C710
R1733
D1731
J16
R716
R1717
R713
C733
C714
IC704
C724
RL1702
J8
C720
C715
C711
D717
J6
C1731
R1731
R1732
R732
J3
J1
D714
RT701
L704
ZD703
L702
VR705
VR704
R719
J12
L703
L701
R731
Q706
Q705
R720
C725
C732
R718
J2
IC703
C717
C721
J10
J14
C712
IC705
IC706
R723
R725
R729
J11
BLACK
J13
brown
C726
C730
R738
EA
R722
C727
brown
R721
C731
C728
Q704
J4
J7
J9
J15
BROWN
L1731
BLACK
BB

Power Unit (Wiring Side)


H
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C
B
A
1
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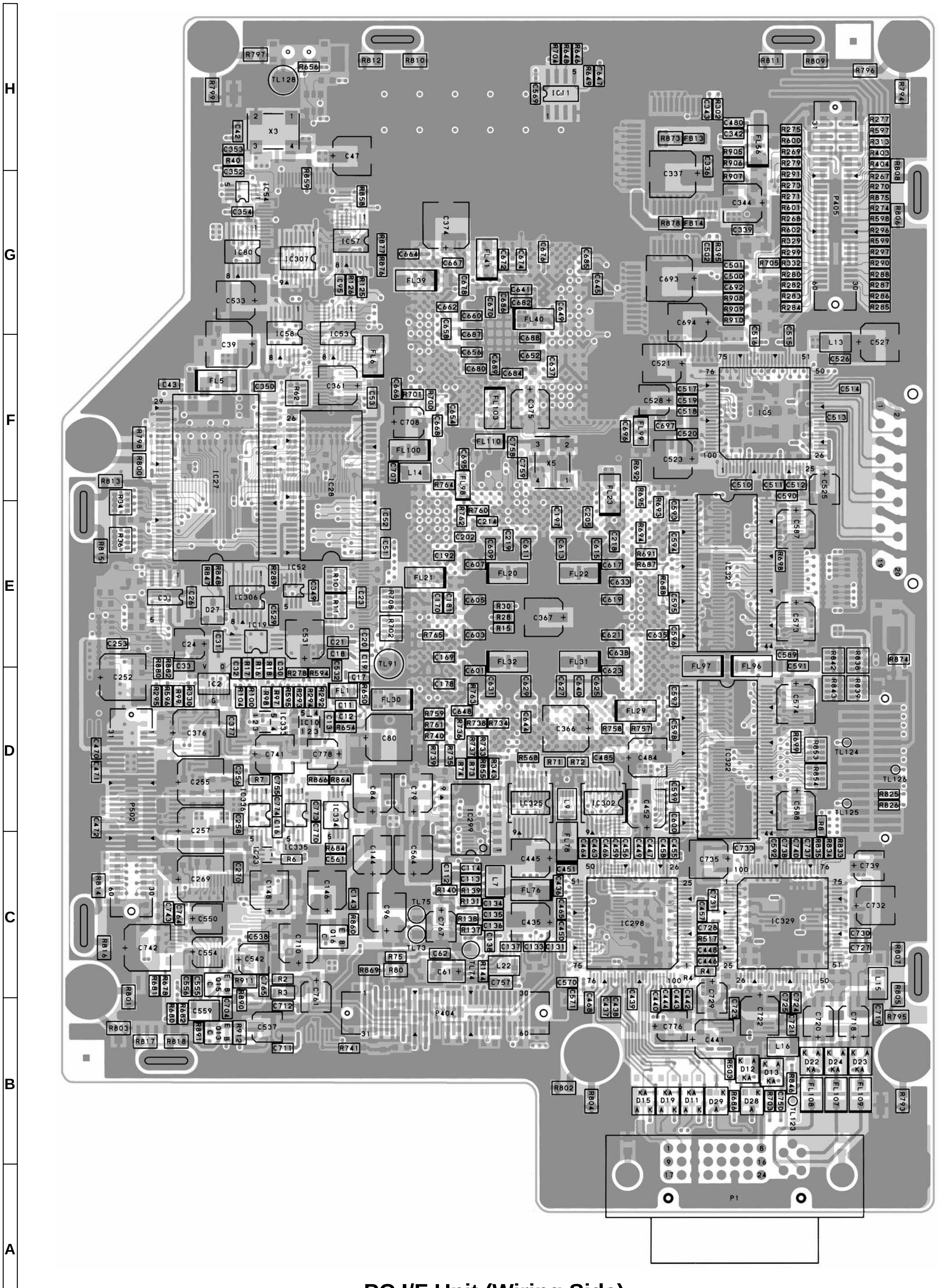
3
4
5
6
BLACK
BB
2
1
US
LW
L1731
R1731
C1731
R1732
R1733
RL1702
DB1731
C1752
C1733
R1775
シリコン塗布
L1733
C
Q1736
D1733
D1734
C1738
C1748
Q1731
R1778
C1734
C1735
R1759
R1760
Q1732
J21
J26
C1736
J25
C1737
Q1733
C1754
L1734
D1732
J45
TF1731
103°C
J27
J28
J29
J30
J51
J31
J41
J42
J39
J40
D1738
C1757
R1779
J37
J38
C1756
C1749
R1776
"RISK OF FIRE,REPLACE FUSE AS MARKED."
2A250V
J43
J44
FR1
RDENC0303CEZZ
LVR-INSW2691SH
C1750
"RISK OF FIRE,REPLACE FUSE AS MARKED."
J52
J32
J53
J54
2A250V
TF701
103°C
D704
R703
R704
D705
Q701
R706
R726
R705
R727
B1732
PL1-2
PL2-2
PL2-1
PL1-1
BLACK
BLACK
B1731
C1751
J33
J34
J35
J36
C709
C705
ZD701
D703
C707
J23
D708
ZD702
D702
D706
C706
J22
IC701
C704
J24
D707
B701
R736
C702
D701
C701
T701
SR-283
D711
D710
D709
J17
PC701
C729
J19
J20
VR701
ZD705
J16
IC704
J6
5
D717
J3
J1
VR705
2.5V-ADJ
VR704
3.3V-ADJ
D714
Q703
J2
IC706
J4
J5
C727
J7
R738
J9
BROWN
J15
BROWN
EA
brown
brown
J13
J11
J10
BLACK
J14
C732
C725
RT701
シリコン塗布
C721
C717
C712
L702
L703
L704
J12
L701
ZD703
C715
C720
J18
J8
C714
C711
C733
C719
C718
C713
C710

Power Unit (Component Side)


H
G
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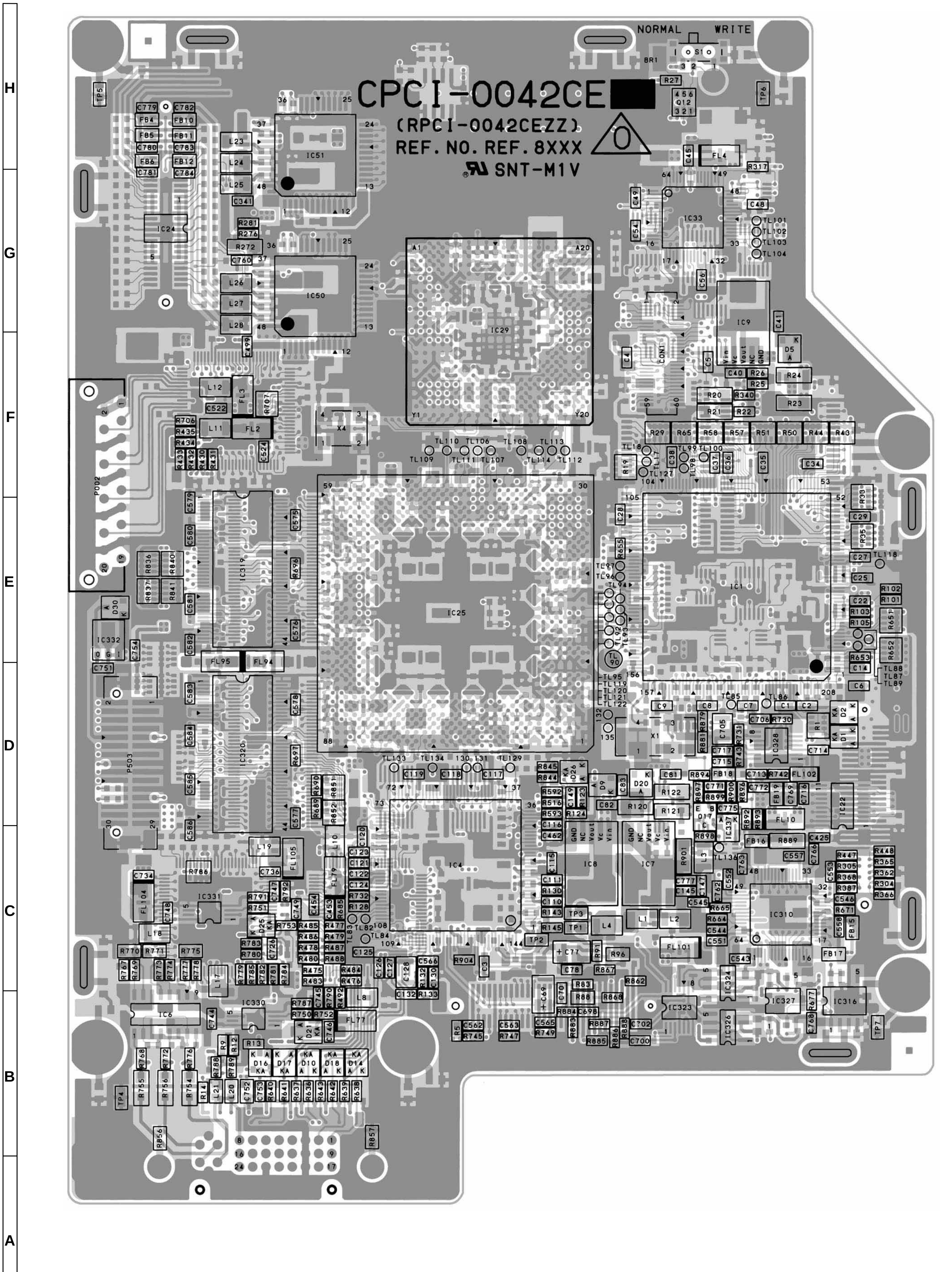
E
D
C
B
A
IC27
IC28
IC5
IC298
IC329
IC321
IC322
IC325
IC302
IC299
P405
P502
P404
P1
X3
X5
TL128
TL91
FL5
FL6
FL20
FL21
FL22
FL30
FL31
FL32
FL96
FL97
C337
C367
C366
C80
C735
C732
C739
C742
L13
L14
L16
C527
C521
C523
C528

PC I/F Unit (Wiring Side)


CPCI-0042CE
(RPCI-0042CEZZ)
REF. NO. REF. 8XXX
SNT-M1V
NORMAL
WRITE
S1
IC1
IC4
IC7
IC8
IC9
IC25
IC29
IC33
IC50
IC51
IC319
IC320
IC310
P002
P503
X1
X4
H
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E
D
C
B
A
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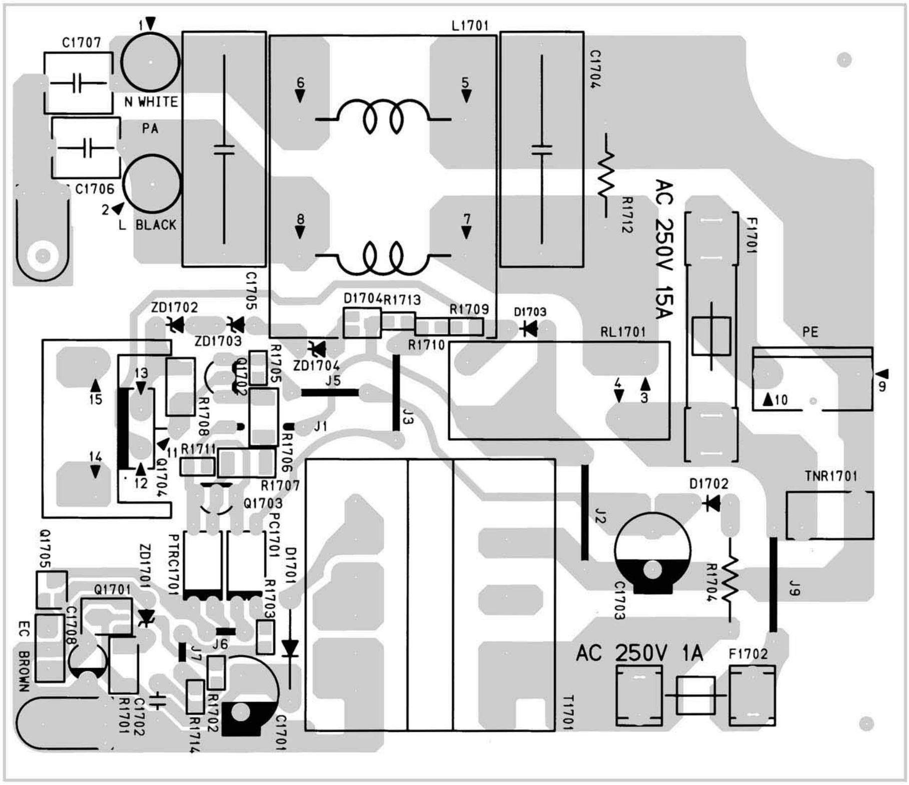
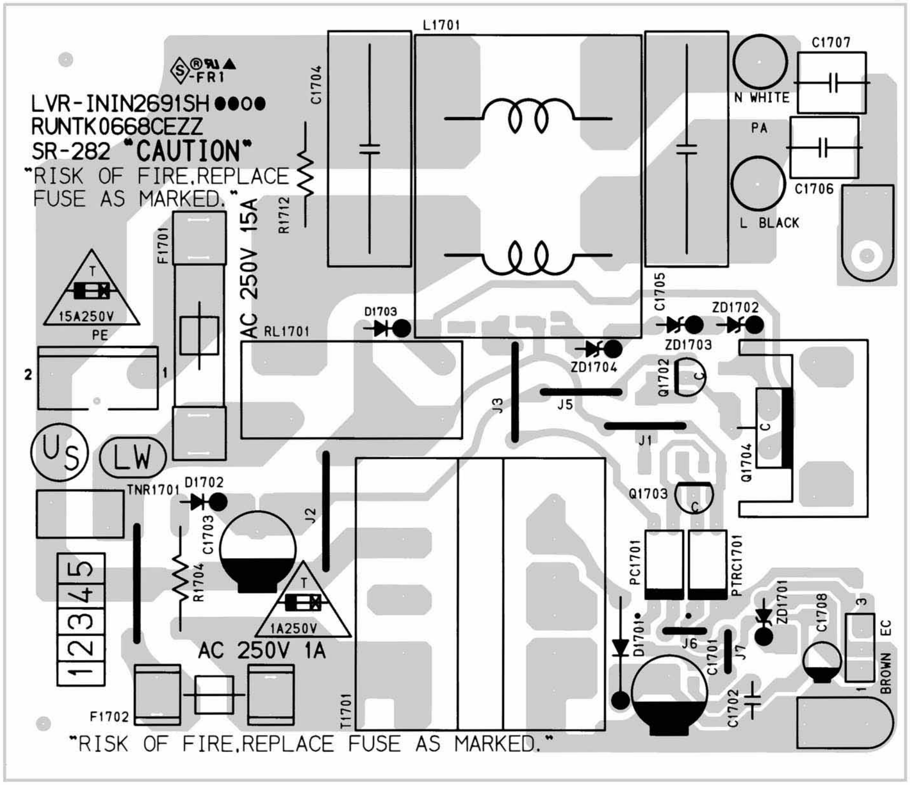
6

PC I/F Unit (Component Side)


L1701
C1707
1
N WHITE
PA
C1706
2
L BLACK
6
5
8
7
C1704
R1712
AC 250V 15A
F1701
C1705
ZD1702
ZD1703
D1704
R1713
R1709
D1703
R1710
RL1701
PE
9
10
ZD1704
J5
R1705
Q1702
13
15
R1708
J3
J1
4
3
14
11
R1711
R1706
12
Q1704
R1707
Q1703
PC1701
D1702
TNR1701
Q1705
ZD1701
PTRC1701
D1701
J2
R1704
J9
C1703
Q1701
R1703
C1708
J6
AC 250V 1A
F1702
EC BROWN
J7
R1701
C1702
R1702
R1714
C1701
T1701

Inlet Unit (Wiring Side)


L1701
LVR-ININ2691SH
RUNTK0668CEZZ
SR-282 "CAUTION"
"RISK OF FIRE,REPLACE FUSE AS MARKED."
-FR1
C1704
C1707
N WHITE
PA
C1706
L BLACK
R1712
F1701
AC 250V 15A
T
15A250V
PE
2
1
RL1701
D1703
C1705
ZD1702
ZD1703
ZD1704
Q1702
C
J3
J5
J1
Q1704
US
LW
TNR1701
D1702
C1703
R1704
J2
T
1A250V
AC 250V 1A
Q1703
PC1701
PTRC1701
ZD1701
C1708
3
EC
BROWN
1
D1701
J6
C1701
J7
C1702
1 2 3 4 5
F1702
T1701
"RISK OF FIRE,REPLACE FUSE AS MARKED."
H
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Inlet Unit (Component Side)

PARTS LIST

PARTS REPLACEMENT

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Les pieces marquées "⚠" sont importantes pour maintenir la sécurité de l'appareil. Ne remplacer ces pieces que par des pieces dont le numéro est spécifié pour maintenir la sécurité et protéger le bon fonctionnement de l'appareil.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

★ MARK: SPARE PARTS-DELIVERY SECTION

LCD PANELS

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

Ref. No.	Part No.	★	Description	Code
	RLCDP0099CEZZ	J	LCD Module Unit, Red	FE
	RLCDP0100CEZZ	J	LCD Module Unit, Green	FE
	RLCDP0101CEZZ	J	LCD Module Unit, Blue	FE

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	DUNTKA154DE01	–	Output Unit	—
	DUNTKA155DE01	–	Output Sub Unit	—
	DUNTKA157DE01	–	Signal Unit	—
	DUNTKA158DE01	–	R/C Receiver-1 Unit	—
	DUNTKA159DE01	–	R/C Receiver-2 Unit	—
	DUNTKA160DE01	–	LED Unit	—
	DUNTKA161DE01	–	Input Unit	—
	RUNTK0668CEZZ	–	Inlet Unit	—
	RDENC0303CEZZ	–	Power Unit	—
	CPCi-0042CE01	–	PC I/F Unit	—
	RDENC0301CEZZ	J	Ballast-1 Unit (Unit Replacement Item)	CA
	RDENC0302CEZZ	J	Ballast-2 Unit (Unit Replacement Item)	CA

DUNTKA154DE01
OUTPUT UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1101	VHiCXA3512R-1	J	CXA3512R-T6	
IC1102	VHiCXA3512R-1	J	CXA3512R-T6	
IC1103	VHiNJM318M/-1	J	NJM318M	AG
IC1104	VHiNJU4053V-1	J	NJU4053BV	AF
IC1201	VHiCXA3512R-1	J	CXA3512R-T6	
IC1202	VHiCXA3512R-1	J	CXA3512R-T6	
IC1203	VHiNJM318M/-1	J	NJM318M	AG
IC1204	VHiNJU4053V-1	J	NJU4053BV	AF
IC1301	VHiCXA3512R-1	J	CXA3512R-T6	
IC1302	VHiCXA3512R-1	J	CXA3512R-T6	
IC1303	VHiNJM318M/-1	J	NJM318M	AG
IC1304	VHiNJU4053V-1	J	NJU4053BV	AF
IC1601	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1602	VHiNJM2060V-1	J	NJM2060V	AF
IC1604	VHiTC4053BT-1	J	TC4053BFT	AG
IC1605	VHiNJM2137V-1	J	NJM2137V	AF
IC1607	VHiNJM318M/-1	J	NJM318M	AG
IC1610	VHiNJM2902V-1	J	NJM2902V	AD
IC1611	VHiSNT541AS-1	J	SN74HCT541ANSR	AG
IC1612	VHiSNT541AS-1	J	SN74HCT541ANSR	AG
IC1613	VHi74F86NSR-1	J	SN74F86NSR	AD
IC1615	VHi74HCT125-1	J	HD74HCT125T	AF
IC1621	VHi74F86NSR-1	J	SN74F86NSR	AD
IC1622	VHi74F86NSR-1	J	SN74F86NSR	AD
IC1623	VHi74HCT125-1	J	HD74HCT125T	AF
IC1624	VHi74HCT125-1	J	HD74HCT125T	AF
IC2101	VHiLM2202M/-1	J	LM2202MX	AR
IC2102	VHiLM2202M/-1	J	LM2202MX	AR
IC2201	VHiLM2202M/-1	J	LM2202MX	AR
IC2202	VHiLM2202M/-1	J	LM2202MX	AR
IC2301	VHiLM2202M/-1	J	LM2202MX	AR
IC2302	VHiLM2202M/-1	J	LM2202MX	AR
IC2401	VHiSN2G04CT-1	J	SN74AHC2G04HDC	AE
IC2601	RH-iX3502CEN1Q	J	MB89537	BA
IC2602	VHiLP298533-1	J	LP2985IM5X-3.3	AG
IC2604	VHiSN2G32CT-1	J	SN74AHC2G32HDC	AE
IC2605	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC4201	VHiNJM2904V-1	J	NJM2904V	AF
IC4202	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC4203	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC4204	VHiTC4W66U/-1	J	TC4W66FU	AF
IC4205	VHiNJM2060V-1	J	NJM2060V	AF
IC4206	VHiSN2G32CT-1	J	SN74AHC2G32HDC	AE
IC5101	VHiBA05SFP+-1	J	BA05SFP	AG
IC5102	VHiLB1831M/-1	J	LB1831M	AN
IC5111	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC5112	VHiTA7279P/-1	J	TA7279P	AP
IC5201	VHiM62352GP-1	J	M62352GP	AQ
IC5202	VHiM62352GP-1	J	M62352GP	AQ
IC5251	VHiM62352GP-1	J	M62352GP	AQ
IC5301	VHiM62320FP-1	J	M62320FP	AK
IC5302	VHiM62320FP-1	J	M62320FP	AK
IC5303	VHiM62320FP-1	J	M62320FP	AK
IC5304	VHiM62320FP-1	J	M62320FP	AK
IC5305	VHiM62352GP-1	J	M62352GP	AQ
IC5306	VHiBR24C64F-1	J	BR24C64F-E2	AL
IC5310	VHiSNT1G08C-1	J	SN74AHCT1G08DC	AD
IC5401	VHiSNT1G08C-1	J	SN74AHCT1G08DC	AD
IC5402	VHiSNT1G08C-1	J	SN74AHCT1G08DC	AD
IC6801	VHiLV4053AT-1	J	SN74LV4053APWR	AE
IC6802	VHiNJM2902V-1	J	NJM2902V	AD
IC6806	VHiLV123AT+-1	J	SN74LV123APWR	AF
IC7001	VHiBA05SFP+-1	J	BA05SFP	AG
IC7011	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC7021	VHiBA05SFP+-1	J	BA05SFP	AG
IC7031	VHiLM2663M+-1	J	LM2663MX	AS
IC7051	VHiBA05SFP+-1	J	BA05SFP	AG
IC7061	VHiBA05SFP+-1	J	BA05SFP	AG
IC7071	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7211	VHiTC7W02F/-1	J	TC7W02F	AD
IC7212	VHiSNT1G08C-1	J	SN74AHCT1G08DC	AD

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Ref. No.	Part No.	★	Description	Code
IC7213	VHiSNT1G08C-1	J	SN74AHCT1G08DC	AD
IC7301	VHiSNHC153T-1	J	SN74HC153PW	AK
IC7302	VHiCA1875AM-1	J	CXA1875AM	AQ
IC7303	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7304	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7305	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7306	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7501	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7503	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC7511	VHiBA05SFP+-1	J	BA05SFP	AG
IC7512	VHiNJM431E/-1	J	NJM431E-TE1	AF
IC7601	VHiLM81++++-1	J	LM81CIMTX-3	AS
IC7603	VHiLV4051AT-1	J	SN74LV4051APW	AE

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1011	VS2SC3928AR-1	J	2SC3928AR	AB
Q1012	VSiMX2/////-1	J	iMX2	AB
Q1021	VS2SC3928AR-1	J	2SC3928AR	AB
Q1022	VSiMX2/////-1	J	iMX2	AB
Q1031	VS2SC3928AR-1	J	2SC3928AR	AB
Q1032	VSiMX2/////-1	J	iMX2	AB
Q1101	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1102	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1103	VS2SC3928AR-1	J	2SC3928AR	AB
Q1104	VS2SA1530AR-1	J	2SA1530AR	AB
Q1107	VS2SC3928AR-1	J	2SC3928AR	AB
Q1108	VS2SA1530AR-1	J	2SA1530AR	AB
Q1110	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1111	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1201	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1202	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1203	VS2SC3928AR-1	J	2SC3928AR	AB
Q1204	VS2SA1530AR-1	J	2SA1530AR	AB
Q1207	VS2SC3928AR-1	J	2SC3928AR	AB
Q1208	VS2SA1530AR-1	J	2SA1530AR	AB
Q1210	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1211	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1212	VSDTC144EU/-1	J	DTC144EU	AB
Q1301	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1302	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1303	VS2SC3928AR-1	J	2SC3928AR	AB
Q1304	VS2SA1530AR-1	J	2SA1530AR	AB
Q1307	VS2SC3928AR-1	J	2SC3928AR	AB
Q1308	VS2SA1530AR-1	J	2SA1530AR	AB
Q1309	VS2SA1530AR-1	J	2SA1530AR	AB
Q1310	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1311	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1603	VS2SD1664R/-1	J	2SD1664R	AC
Q2101	VS2SA1462//-1	J	2SA1462	AC
Q2102	VS2SC2735//-1	J	2SC2735	AB
Q2103	VS2SA1462//-1	J	2SA1462	AC
Q2104	VS2SC2735//-1	J	2SC2735	AB
Q2201	VS2SA1462//-1	J	2SA1462	AC
Q2202	VS2SC2735//-1	J	2SC2735	AB
Q2203	VS2SA1462//-1	J	2SA1462	AC
Q2204	VS2SC2735//-1	J	2SC2735	AB
Q2301	VS2SA1462//-1	J	2SA1462	AC
Q2302	VS2SC2735//-1	J	2SC2735	AB
Q2303	VS2SA1462//-1	J	2SA1462	AC
Q2304	VS2SC2735//-1	J	2SC2735	AB
Q2401	VS2SA1462//-1	J	2SA1462	AC
Q2402	VS2SC2735//-1	J	2SC2735	AB
Q2403	VSDTC114EU/-1	J	DTC114EU	AB
Q2404	VSDTC114EU/-1	J	DTC114EU	AB
Q2405	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2406	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2407	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2409	VSHN2C01FU/-1	J	HN2C01FU	AC
Q2410	VSDTC144EU/-1	J	DTC144EU	AB
Q2411	VS2SC2735//-1	J	2SC2735	AB
Q2412	VSDTC144EU/-1	J	DTC144EU	AB
Q2421	VS2SA1462//-1	J	2SA1462	AC
Q2422	VS2SC2735//-1	J	2SC2735	AB
Q2423	VSDTC114EU/-1	J	DTC114EU	AB
Q2424	VSDTC114EU/-1	J	DTC114EU	AB
Q2425	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2426	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2427	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2429	VSHN2C01FU/-1	J	HN2C01FU	AC
Q2430	VSDTC144EU/-1	J	DTC144EU	AB
Q2431	VS2SC2735//-1	J	2SC2735	AB
Q2432	VSDTC144EU/-1	J	DTC144EU	AB
Q2441	VS2SA1462//-1	J	2SA1462	AC
Q2442	VS2SC2735//-1	J	2SC2735	AB
Q2443	VSDTC114EU/-1	J	DTC114EU	AB
Q2444	VSDTC114EU/-1	J	DTC114EU	AB
Q2445	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2446	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2447	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2449	VSHN2C01FU/-1	J	HN2C01FU	AC
Q2450	VSDTC144EU/-1	J	DTC144EU	AB
Q2451	VS2SC2735//-1	J	2SC2735	AB
Q2452	VSDTC144EU/-1	J	DTC144EU	AB
Q2461	VSHN2C01FU/-1	J	HN2C01FU	AC
Q2462	VSHN2C01FU/-1	J	HN2C01FU	AC
Q2463	VSDTC144EU/-1	J	DTC144EU	AB
Q2464	VSDTA114EU/-1	J	DTC114EU	AB
Q2465	VSDTA114EU/-1	J	DTC114EU	AB
Q2466	VSDTC114EU/-1	J	DTC114EU	AB
Q2467	VSHN1B04FU/-1	J	HN1B04FU	AC
Q2609	VSDTC144EU/-1	J	DTC144EU	AB
Q2610	VSDTC144EU/-1	J	DTC144EU	AB
Q2611	VSDTC144EU/-1	J	DTC144EU	AB
Q2612	VSDTC144EU/-1	J	DTC144EU	AB
Q2613	VSDTC144EU/-1	J	DTC144EU	AB
Q2614	VSDTC144EU/-1	J	DTC144EU	AB
Q2615	VSDTC144EU/-1	J	DTC144EU	AB
Q2617	VSHN2A01FU/-1	J	HN2A01FU	AC
Q2625	VSRN4904///-1	J	RN4904	AB
Q2626	VSRN4904///-1	J	RN4904	AB
Q2627	VSRN4904///-1	J	RN4904	AB
Q2628	VS2SC3928AR-1	J	2SC3928AR	AB
Q4201	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4202	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4205	VSHN2A01FU/-1	J	HN2A01FU	AC
Q5304	VS2SC2735//-1	J	2SC2735	AB
Q5306	VS2SC2735//-1	J	2SC2735	AB
Q5403	VS2SC3928AR-1	J	2SC3928AR	AB
Q5404	VS2SC3928AR-1	J	2SC3928AR	AB
Q5481	VS2SC3928AR-1	J	2SC3928AR	AB
Q6801	VSHN1B04FU/-1	J	HN1B04FU	AC
Q6802	VSHN1B04FU/-1	J	HN1B04FU	AC
Q6803	VSHN1B04FU/-1	J	HN1B04FU	AC
Q6807	VSHN1B04FU/-1	J	HN1B04FU	AC
Q6808	VSHN1B04FU/-1	J	HN1B04FU	AC
Q6809	VSHN1B04FU/-1	J	HN1B04FU	AC
Q7002	VSDTC114EU/-1	J	DTC114EU	AB
Q7004	VSDTA114EU/-1	J	DTC114EU	AB
Q7005	VS2SC3928AR-1	J	2SC3928AR	AB
Q7203	VS2SC3928AR-1	J	2SC3928AR	AB
Q7208	VS2SC3928AR-1	J	2SC3928AR	AB
Q7221	VS2SC3928AR-1	J	2SC3928AR	AB
Q7222	VS2SC3928AR-1	J	2SC3928AR	AB
Q7301	VS2SD1760Q/-1	J	2SD1760Q	AD
Q7302	VS2SD1760Q/-1	J	2SD1760Q	AD
Q7511	VSDTC144EU/-1	J	DTC144EU	AB
Q7512	VS2SB1132Q/-1	J	2SB1132Q	AC
Q7521	VS2SD1664R/-1	J	2SD1664R	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D1011	VHDMA153///-1	J	Diode	AB
D1012	VHDMA153///-1	J	Diode	AB
D1021	VHDMA153///-1	J	Diode	AB
D1022	VHDMA153///-1	J	Diode	AB
D1031	VHDMA153///-1	J	Diode	AB
D1032	VHDMA153///-1	J	Diode	AB
D1601	VHDDAN202K/-1	J	Diode	AB

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Ref. No.	Part No.	★	Description	Code
D2401	VHDDAN202K/-1	J	Diode	AB
D2402	VHDMA157A//-1	J	Diode	AC
D2403	VHDMA157A//-1	J	Diode	AC
D2404	VHDiMN10///-1	J	Diode	AB
D2422	VHDMA157A//-1	J	Diode	AC
D2423	VHDMA157A//-1	J	Diode	AC
D2442	VHDMA157A//-1	J	Diode	AC
D2443	VHDMA157A//-1	J	Diode	AC
D2601	VHDHRW0702A-1	J	Diode	AE
D2602	VHDHRW0702A-1	J	Diode	AE
D2603	VHDHRW0702A-1	J	Diode	AE
D2604	VHDHRW0702A-1	J	Diode	AE
D2605	VHDMA137///-1	J	Diode	AC
D2606	VHDMA137///-1	J	Diode	AC
D2607	VHDMA137///-1	J	Diode	AC
D2608	VHDMA137///-1	J	Diode	AC
D2609	VHDHRW0702A-1	J	Diode	AE
D2610	VHDHRW0702A-1	J	Diode	AE
D2611	VHDHRW0702A-1	J	Diode	AE
D2612	VHDHRW0702A-1	J	Diode	AE
D2613	VHDHRW0702A-1	J	Diode	AE
D2617	VHDMA137///-1	J	Diode	AC
D2618	VHDMA137///-1	J	Diode	AC
D2619	VHDMA137///-1	J	Diode	AC
D2620	VHDMA137///-1	J	Diode	AC
D2621	VHDMA137///-1	J	Diode	AC
D2625	VHDMA3120WA-1	J	Diode	AK
D2629	VHDMA152WA/-1	J	Diode	AA
D2630	VHDDAN202K/-1	J	Diode	AB
D2631	VHDDAN202K/-1	J	Diode	AB
D5101	VHDDAN202K/-1	J	Diode	AB
D5111	VHDDAN202K/-1	J	Diode	AB
D5451	RH-EX0514CEZZ	J	Zener Diode	AB
D7001	VHDDAN202K/-1	J	Diode	AB
D7011	VHDDAN202K/-1	J	Diode	AB
D7021	VHDDAN202K/-1	J	Diode	AB
D7051	VHDDAN202K/-1	J	Diode	AB
D7061	VHDDAN202K/-1	J	Diode	AB
D7071	VHDDAN202K/-1	J	Diode	AB
D7205	RH-EX0228CEZZ	J	Zener Diode	AB
D7221	VHDDAN202K/-1	J	Diode	AB
D7222	RH-EX0228CEZZ	J	Zener Diode	AB
D7301	VHDDAN202K/-1	J	Diode	AB
D7302	VHDDAN202K/-1	J	Diode	AB
D7303	VHDDAN202K/-1	J	Diode	AB
D7304	VHDDAN202K/-1	J	Diode	AB
D7501	VHDDAN202K/-1	J	Diode	AB
D7503	VHDDAN202K/-1	J	Diode	AB
D7511	VHDDAN202K/-1	J	Diode	AB

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
X2601	RCRSB0286CEZZ	J	Crystal	AG

COILS

Ref. No.	Part No.	★	Description	Code
L1101	VP-1M100J1R6N	J	Peaking 10µH	AC
L1102	VP-1M100J1R6N	J	Peaking 10µH	AC
L1201	VP-1M100J1R6N	J	Peaking 10µH	AC
L1202	VP-1M100J1R6N	J	Peaking 10µH	AC
L1301	VP-1M100J1R6N	J	Peaking 10µH	AC
L1302	VP-1M100J1R6N	J	Peaking 10µH	AC
L2101	VP-1M100J1R6N	J	Peaking 10µH	AC
L2201	VP-1M100J1R6N	J	Peaking 10µH	AC
L2301	VP-1M100J1R6N	J	Peaking 10µH	AC
L2401	VP-1M220J2R9N	J	Peaking 22µH	AC
L5101	RCiLP0168TAZZ	J	Peaking Coil	AF
L7001	VP-1M100J1R6N	J	Peaking 10µH	AC
L7002	VP-1M100J1R6N	J	Peaking 10µH	AC
L7003	VP-1M100J1R6N	J	Peaking 10µH	AC
L7005	VP-NM100KR42N	J	Peaking 10µH	AB

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C1101	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1102	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1103	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1104	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1106	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1107	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1108	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1109	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1111	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1112	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C1113	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1114	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1115	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1117	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1118	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1119	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1120	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1123	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1124	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1131	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1132	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1133	VCCCCY1HH2R0C	J	2.0p 50V Ceramic	AA
C1134	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1201	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1202	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1203	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1204	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1206	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1207	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1208	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1209	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1211	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1212	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C1213	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1214	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1215	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1217	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1218	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1219	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1220	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1223	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1224	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1232	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1233	VCCCCY1HH2R0C	J	2.0p 50V Ceramic	AA
C1234	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1301	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1302	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1303	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1304	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1305	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1306	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1307	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1308	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1309	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1311	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1312	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C1313	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1314	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1315	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1317	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1318	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1319	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1320	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1323	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C1324	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1332	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1333	VCCCCY1HH2R0C	J	2.0p 50V Ceramic	AA
C1334	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1601	VCEAPF1VW226M	J	22 35V Electrolytic	AB
C1602	VCEAPF1VW226M	J	22 35V Electrolytic	AB
C1603	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1604	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1605	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1608	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1609	VCEAPF1CW106M	J	10 16V Electrolytic	AB

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Ref. No.	Part No.	★	Description	Code
C1618	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1619	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1620	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1621	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1622	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1623	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1624	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1625	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1626	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1627	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1628	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1629	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1630	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1631	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1641	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1642	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1643	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1644	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1645	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1646	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1647	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1648	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1649	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1650	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C1651	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1652	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1653	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1654	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1655	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C1656	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1657	VCCCCY1HH5R0C	J	5.0p 50V Ceramic	AA
C1658	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1659	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1660	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C2101	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C2102	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2103	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2104	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2105	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2106	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2107	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2108	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2109	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C2110	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2111	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C2112	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2113	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C2114	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2115	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2116	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2117	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2118	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2119	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2120	VCEAPF1CW476M	J	47 16V Electrolytic	AC
C2121	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2122	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2123	VCCCCY1HH8R0D	J	8.0p 50V Ceramic	AA
C2124	VCCCCY1HH8R0D	J	8.0p 50V Ceramic	AA
C2125	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2126	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C2127	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C2201	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C2202	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2203	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2204	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2205	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2206	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2207	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2208	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2209	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C2210	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2211	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C2212	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2213	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C2214	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2215	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2216	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2217	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2218	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2219	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2221	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2222	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2223	VCCCCY1HH8R0D	J	8.0p 50V Ceramic	AA
C2224	VCCCCY1HH8R0D	J	8.0p 50V Ceramic	AA
C2225	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2226	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C2227	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C2301	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C2302	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2303	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2304	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2305	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2306	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2307	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2308	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2309	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C2310	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2311	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C2312	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2313	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C2314	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2315	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2316	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2317	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2318	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2319	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2320	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C2321	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2322	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2323	VCCCCY1HH8R0D	J	8.0p 50V Ceramic	AA
C2324	VCCCCY1HH8R0D	J	8.0p 50V Ceramic	AA
C2325	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2326	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C2327	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C2328	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C2331	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C2401	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2402	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2403	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2405	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C2406	VCCCCY1HH390J	J	39p 50V Ceramic	AA
C2407	VCCCCY1HH150J	J	15p 50V Ceramic	AA
C2408	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C2409	VCCCCY1HH220J	J	22p 50V Ceramic	AA
C2410	VCCCCY1HH151J	J	150p 50V Ceramic	AA
C2411	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C2412	VCCCCY1HH220J	J	22p 50V Ceramic	AA
C2413	VCCCCY1HH151J	J	150p 50V Ceramic	AA
C2414	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C2415	VCCCCY1HH390J	J	39p 50V Ceramic	AA
C2416	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2421	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2422	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2423	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2425	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C2426	VCCCCY1HH390J	J	39p 50V Ceramic	AA
C2427	VCCCCY1HH150J	J	15p 50V Ceramic	AA
C2428	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C2429	VCCCCY1HH220J	J	22p 50V Ceramic	AA
C2430	VCCCCY1HH151J	J	150p 50V Ceramic	AA
C2431	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C2432	VCCCCY1HH220J	J	22p 50V Ceramic	AA
C2433	VCCCCY1HH151J	J	150p 50V Ceramic	AA
C2434	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C2435	VCCCCY1HH390J	J	39p 50V Ceramic	AA
C2436	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2441	VCEAPF1EW106M	J	10 25V Electrolytic	AB
C2442	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C2443	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2444	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C2445	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C2446	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C2447	VCCCCY1HH150J	J	15p	50V	Ceramic	AA
C2448	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2449	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C2450	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C2451	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2452	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C2453	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C2455	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C2456	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2461	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C2493	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C2494	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C2495	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C2496	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C2601	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C2602	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C2603	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2604	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C2605	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2606	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2607	VCFYEC1CM104J	J	0.1	16V	Mylar	AD
C2609	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C2610	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C2616	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2618	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2620	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2625	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C4201	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4202	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4203	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4204	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4205	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C4206	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C4207	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4208	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4209	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4210	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4211	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4212	VCEAPF1EW106M	J	10	25V	Electrolytic	AB
C4213	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4214	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4215	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4216	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4217	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C5101	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C5103	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5104	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5105	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5106	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5107	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5108	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5109	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5110	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5111	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C5112	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5113	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5114	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5115	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5116	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5117	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5118	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5119	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5120	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5201	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5202	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C5203	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5204	VCEAPF1EW106M	J	10	25V	Electrolytic	AB
C5251	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

Ref. No.	Part No.	★	Description			Code
C5301	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5302	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5303	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5305	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5306	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5308	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5311	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5312	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5315	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5401	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5402	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5403	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5404	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5405	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C5406	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5407	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C5572	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5573	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5574	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5575	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6801	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C6802	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6803	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6804	VCEAPF1EW106M	J	10	25V	Electrolytic	AB
C6805	VCEAPF1EW106M	J	10	25V	Electrolytic	AB
C6806	VCEAPF1EW106M	J	10	25V	Electrolytic	AB
C6807	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6810	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6811	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6812	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6813	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6814	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C7001	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7002	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7003	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7011	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7012	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7021	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7022	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7023	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7031	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C7032	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C7033	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7034	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C7035	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C7036	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C7037	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7051	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7052	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7053	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7054	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7061	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7062	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7063	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7064	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7071	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7072	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7206	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7210	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7215	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7291	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7292	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7293	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7294	VCEAPF1EW475M	J	4.7	25V	Electrolytic	AB
C7301	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7302	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7303	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C7304	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7305	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7306	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C7307	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7308	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7309	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C7310	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7311	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7312	VCEAPF1CW107M	J	100	16V	Electrolytic	AD

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C7315	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7316	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7317	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C7318	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7319	VCEAPF1CW476M	J	47 16V Electrolytic	AC
C7320	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7321	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7322	VCEAPF1CW476M	J	47 16V Electrolytic	AC
C7501	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C7502	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C7504	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C7505	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C7511	VCEAPF1CW476M	J	47 16V Electrolytic	AC
C7512	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC
C7521	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C7601	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7602	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC
C7604	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7607	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7608	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7609	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7610	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7611	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7612	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R1010	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1011	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R1013	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R1014	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1015	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R1016	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1020	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1021	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R1023	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R1024	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1025	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R1026	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1030	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1031	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R1033	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R1034	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1035	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R1036	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1102	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1104	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R1105	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1109	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1111	VRS-CY1JF181J	J	180 1/16W Metal Oxide	AA
R1112	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R1113	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1114	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1115	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1116	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1120	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R1121	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R1122	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1123	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1125	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1126	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1127	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1128	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1129	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1130	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1131	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1134	VRS-CB1JF103J	J	10k 1/16W Metal Oxide	AA
R1135	VRS-CA1JF103J	J	10k 1/16W Metal Oxide	AA
R1138	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R1140	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1143	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1144	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1145	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1150	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R1154	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R1155	VRS-CY1JF181J	J	180 1/16W Metal Oxide	AA
R1156	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1158	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1163	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1164	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1165	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1166	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1167	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1168	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1169	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1170	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1171	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1172	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1173	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1174	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1175	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1178	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1180	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1181	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1182	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1183	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1184	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1185	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1186	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1187	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1188	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1189	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1190	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1191	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1192	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1202	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1204	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R1205	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1209	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1211	VRS-CY1JF181J	J	180 1/16W Metal Oxide	AA
R1212	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R1213	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1214	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1215	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1216	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1220	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R1221	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R1222	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1223	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1225	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1226	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1227	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1231	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1234	VRS-CB1JF103J	J	10k 1/16W Metal Oxide	AA
R1235	VRS-CA1JF103J	J	10k 1/16W Metal Oxide	AA
R1240	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1243	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1244	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1245	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1250	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R1254	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R1255	VRS-CY1JF181J	J	180 1/16W Metal Oxide	AA
R1256	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1258	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1263	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1264	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1265	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1266	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1267	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1268	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1269	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1270	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1271	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1272	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1273	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1274	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1275	VRS-CY1JF3R3J	J	3.3 1/16W Metal Oxide	AA
R1278	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1280	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA

DUNTKA154DE01
OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R1281	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1282	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1283	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1284	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1285	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1286	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1287	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1288	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1289	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1290	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1291	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1292	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1295	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R1302	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1304	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1305	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1309	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1311	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1312	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R1313	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1314	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1315	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1316	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1320	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R1321	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1322	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1323	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1325	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1326	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1327	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1331	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1332	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1333	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1334	VRS-CB1JF103J	J	10k	1/16W	Metal Oxide	AA
R1335	VRS-CA1JF103J	J	10k	1/16W	Metal Oxide	AA
R1340	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1343	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1344	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1345	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1350	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1354	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R1355	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1356	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1358	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1363	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1364	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1365	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1366	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1367	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1368	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1369	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1370	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1371	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1372	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1373	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1374	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1375	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1378	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1380	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1381	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1382	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1383	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1384	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1385	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1386	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1387	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1388	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1389	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1390	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1391	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1392	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1395	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1396	VRS-TV1JD270J	J	27	1/16W	Metal Oxide	AA
R1397	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1601	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R1603	VRS-CY1JF123F	J	12k	1/16W	Metal Oxide	AA
R1604	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R1605	VRS-CY1JF510F	J	51	1/16W	Metal Oxide	AA
R1606	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1608	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1609	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1610	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1611	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1612	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R1613	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1614	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1615	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1620	VRS-CY1JF222F	J	2.2k	1/16W	Metal Oxide	AA
R1621	VRS-CY1JF222F	J	2.2k	1/16W	Metal Oxide	AA
R1622	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R1623	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R1624	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1625	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R1626	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R1627	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1628	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1629	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R1631	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R1632	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1652	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1653	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1654	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1655	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R1656	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R1657	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1659	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1660	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1661	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1666	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1669	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1670	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1673	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1676	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1677	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1678	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1679	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1680	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1681	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1682	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1683	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R2101	VRS-CY1JF683J	J	68k	1/16W	Metal Oxide	AA
R2102	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R2103	VRS-CY1JF680J	J	68	1/16W	Metal Oxide	AA
R2105	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R2106	VRS-CY1JF113J	J	11k	1/16W	Metal Oxide	AA
R2107	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R2108	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R2109	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R2110	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R2111	VRS-CY1JF680J	J	68	1/16W	Metal Oxide	AA
R2113	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R2114	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R2115	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R2116	VRS-CY1JF151J	J	150	1/16W	Metal Oxide	AA
R2117	VRS-CY1JF151J	J	150	1/16W	Metal Oxide	AA
R2119	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R2120	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R2121	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R2122	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R2123	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R2124	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R2125	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R2126	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R2131	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R2132	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R2152	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R2153	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R2155	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R2157	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2159	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2163	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2165	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2166	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2168	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2169	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2170	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2175	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2177	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2178	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2180	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2184	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2185	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2186	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2187	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2188	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2190	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2191	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R2192	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2194	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2195	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2201	VRS-CY1JF683J	J	68k 1/16W Metal Oxide	AA
R2202	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2203	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R2205	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2206	VRS-CY1JF113J	J	11k 1/16W Metal Oxide	AA
R2207	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2208	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2209	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2210	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2211	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R2213	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2214	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R2215	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R2216	VRS-CY1JF151J	J	150 1/16W Metal Oxide	AA
R2217	VRS-CY1JF151J	J	150 1/16W Metal Oxide	AA
R2219	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R2220	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R2221	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R2222	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R2223	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2224	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2225	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R2226	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2231	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2232	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2252	VRS-CY1JF183J	J	18k 1/16W Metal Oxide	AA
R2253	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2256	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2259	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2263	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2265	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2266	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2268	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2269	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2270	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2275	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2277	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2278	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2280	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2284	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2285	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2286	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2287	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2288	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2290	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2291	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R2292	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2294	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2295	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2301	VRS-CY1JF683J	J	68k 1/16W Metal Oxide	AA
R2302	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2303	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R2305	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2306	VRS-CY1JF113J	J	11k 1/16W Metal Oxide	AA
R2307	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2308	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2309	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2310	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2311	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R2313	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2314	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R2315	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R2316	VRS-CY1JF151J	J	150 1/16W Metal Oxide	AA
R2317	VRS-CY1JF151J	J	150 1/16W Metal Oxide	AA
R2319	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R2320	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R2321	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R2322	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R2323	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2324	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2325	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R2326	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2331	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2332	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2333	VRS-TW2ED820J	J	82 1/4W Metal Oxide	AB
R2353	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2356	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2359	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2363	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2365	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2366	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2368	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2369	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2370	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2375	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2377	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2378	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2380	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2384	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2385	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2386	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2387	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2388	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2390	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2391	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R2392	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2394	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2395	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2401	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R2402	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2403	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R2404	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2405	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R2406	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2407	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2408	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R2409	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2410	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2411	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R2412	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R2413	VRS-CA1JF121J	J	120 1/16W Metal Oxide	AA
R2414	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R2415	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R2416	VRS-CA1JF221J	J	220 1/16W Metal Oxide	AC
R2417	VRS-CB1JF820J	J	82 1/16W Metal Oxide	AA
R2418	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R2419	VRS-CY1JF181J	J	180 1/16W Metal Oxide	AA
R2420	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2421	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2422	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R2423	VRS-CY1JF220J	J	22 1/16W Metal Oxide	AA
R2430	VRS-CY1JF750J	J	75 1/16W Metal Oxide	AA
R2431	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R2432	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2433	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R2434	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R2435	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R2436	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2437	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2438	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R2439	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2440	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2441	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R2442	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R2443	VRS-CA1JF121J	J	120 1/16W Metal Oxide	AA
R2444	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R2445	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R2446	VRS-CA1JF221J	J	220 1/16W Metal Oxide	AC
R2447	VRS-CB1JF820J	J	82 1/16W Metal Oxide	AA
R2448	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R2449	VRS-CY1JF181J	J	180 1/16W Metal Oxide	AA
R2450	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2451	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2452	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R2453	VRS-CY1JF220J	J	22 1/16W Metal Oxide	AA
R2458	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R2460	VRS-CY1JF750J	J	75 1/16W Metal Oxide	AA
R2461	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R2462	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2463	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R2464	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2465	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R2466	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2467	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2468	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2469	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2470	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R2471	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R2472	VRS-CA1JF121J	J	120 1/16W Metal Oxide	AA
R2473	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R2474	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R2475	VRS-CA1JF221J	J	220 1/16W Metal Oxide	AC
R2476	VRS-CB1JF820J	J	82 1/16W Metal Oxide	AA
R2477	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R2478	VRS-CY1JF181J	J	180 1/16W Metal Oxide	AA
R2479	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2480	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2481	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R2483	VRS-CY1JF220J	J	22 1/16W Metal Oxide	AA
R2490	VRS-CY1JF750J	J	75 1/16W Metal Oxide	AA
R2491	VRS-CB1JF181J	J	180 1/16W Metal Oxide	AA
R2492	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R2493	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2494	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R2495	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R2496	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R2497	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2601	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R2602	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R2604	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2605	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2606	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2607	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2620	VRS-TV1JD3R9J	J	3.9 1/16W Metal Oxide	AA
R2624	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2630	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2631	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R2633	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2634	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2635	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2636	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2637	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2638	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2641	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2642	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2643	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2644	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2645	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2646	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2647	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2648	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2649	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2650	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R2651	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R2652	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2654	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2655	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2656	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2657	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2658	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2660	VRS-CB1JF104J	J	100k 1/16W Metal Oxide	AA
R2661	VRS-CB1JF104J	J	100k 1/16W Metal Oxide	AA
R2662	VRS-CB1JF100J	J	10 1/16W Metal Oxide	AA
R2663	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2664	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2665	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2666	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2667	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2668	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2669	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2670	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2671	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2672	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2673	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2674	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R2675	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R2676	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2678	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R2679	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2681	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R2682	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2684	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R2685	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2687	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R2688	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2690	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R2691	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R2692	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R2693	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R2694	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2695	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2696	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2697	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2698	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2699	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2710	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R2712	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R2713	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2716	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R2717	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2718	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R2719	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2720	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R2721	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2722	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R2723	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R2724	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R2725	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R2730	VRS-CY1JF154J	J	150k 1/16W Metal Oxide	AA
R2750	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2751	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2752	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2754	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2755	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2756	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R2758	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2760	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2762	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2767	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2770	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2771	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2772	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2773	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2777	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R2778	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2781	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2782	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2786	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2788	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2789	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2791	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2795	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2796	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2797	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2850	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2851	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2852	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2854	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2855	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2856	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R2858	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2860	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2862	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2867	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2870	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2871	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2872	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2873	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2877	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2878	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2881	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2882	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2886	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2888	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2889	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2891	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2895	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2896	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2897	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2950	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2951	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2952	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2954	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2955	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2956	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R2958	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2960	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R2962	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2967	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2970	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2971	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2972	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2973	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2977	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2978	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2981	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2982	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2986	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2988	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2989	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2991	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2995	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R2996	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R2997	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4201	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4202	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4203	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R4204	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R4205	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4206	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4207	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R4208	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R4210	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R4211	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R4212	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R4213	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R4214	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4215	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4216	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R4217	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R4218	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4219	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4220	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R4221	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R4222	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4223	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4224	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4225	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4228	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4229	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5102	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5104	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5105	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5106	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5112	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5113	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5122	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5130	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5131	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5133	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5135	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5201	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R5202	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5203	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5204	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R5205	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5207	VRS-CB1JF332J	J	3.3k 1/16W Metal Oxide	AC
R5208	VRS-CB1JF332J	J	3.3k 1/16W Metal Oxide	AC
R5209	VRS-CB1JF222J	J	2.2k 1/16W Metal Oxide	AC
R5221	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R5303	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R5305	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5306	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5310	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R5311	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5312	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R5313	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5316	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R5318	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5327	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5335	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R5342	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5344	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5345	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5348	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R5349	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5352	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5354	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5357	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5366	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5367	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R5368	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5369	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R5370	VRS-CY1JF121J	J	120 1/16W Metal Oxide	AA
R5371	VRS-TV1JD121J	J	120 1/16W Metal Oxide	AA
R5372	VRS-TV1JD121J	J	120 1/16W Metal Oxide	AA
R5373	VRS-CY1JF121J	J	120 1/16W Metal Oxide	AA
R5375	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5376	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5384	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5393	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5395	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5401	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R5402	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R5403	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R5404	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R5406	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R5408	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5409	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5410	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5413	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5415	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R5416	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5417	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R5419	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5420	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5421	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5422	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5423	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5424	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5429	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5440	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5441	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R5442	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5443	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5444	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R5445	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5446	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5447	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5449	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5450	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5481	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5482	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R5483	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5499	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R5490	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5491	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5492	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5493	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5494	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5495	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5496	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R5497	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R5498	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6801	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R6802	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6803	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R6804	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6805	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R6806	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6807	VRN-CY1JF182D	J	1.8k 1/16W Metal Film	AA
R6808	VRN-CY1JF562D	J	5.6k 1/16W Metal Film	AB
R6809	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6811	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6812	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6813	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6814	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6815	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6816	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6817	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6818	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6819	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6825	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R6826	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6827	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R6828	VRS-CY1JF121J	J	120 1/16W Metal Oxide	AA
R6829	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6830	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R6831	VRS-CY1JF121J	J	120 1/16W Metal Oxide	AA
R6832	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6833	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R6834	VRS-CY1JF121J	J	120 1/16W Metal Oxide	AA
R6836	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6837	VRS-TX2HF000J	J	0 1/2W Metal Oxide	AA
R6838	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6839	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6840	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6841	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6842	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6843	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R6846	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R6847	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6848	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6849	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6851	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6852	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7002	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7011	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7015	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7022	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7034	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7035	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7051	VRS-TX2HF1R0J	J	1.0 1/2W Metal Oxide	AA
R7052	VRS-TX2HF1R0J	J	1.0 1/2W Metal Oxide	AA
R7054	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7061	VRS-TX2HF1R0J	J	1.0 1/2W Metal Oxide	AA
R7062	VRS-TX2HF1R0J	J	1.0 1/2W Metal Oxide	AA
R7064	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7071	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7072	VRN-CY1JF562D	J	5.6k 1/16W Metal Film	AB
R7073	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R7074	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R7075	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7101	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7206	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7207	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7208	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7209	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7210	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7223	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7224	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7244	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7247	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7252	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7276	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7277	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7287	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7288	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7289	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7290	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7291	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7295	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7296	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7297	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7298	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7299	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7301	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7303	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7304	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7305	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7307	VRN-CY1JF183D	J	18k 1/16W Metal Film	AA
R7309	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7311	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7314	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7316	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7317	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7318	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7320	VRN-CY1JF183D	J	18k 1/16W Metal Film	AA
R7322	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7324	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7327	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7329	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7330	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7331	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7333	VRN-CY1JF512D	J	5.1k 1/16W Metal Film	AC
R7335	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7337	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7338	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7339	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7340	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7342	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7343	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7344	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7346	VRN-CY1JF183D	J	18k 1/16W Metal Film	AA
R7348	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7350	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7351	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7352	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7353	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7359	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R7360	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7361	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7362	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7363	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7364	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7370	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7371	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7372	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7373	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7375	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7376	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7382	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7383	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R7384	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7385	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R7390	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7501	VRS-TW2ED4R7J	J	4.7 1/4W Metal Oxide	AA
R7503	VRS-CY1JF622J	J	6.2k 1/16W Metal Oxide	AA
R7504	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7505	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7510	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7511	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7512	VRS-TW2ED561J	J	560 1/4W Metal Oxide	AA
R7516	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7520	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R7521	VRS-CY1JF331F	J	330 1/16W Metal Oxide	AA
R7522	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R7603	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7604	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7605	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7606	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7607	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7608	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7615	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7620	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R7621	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R7622	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R7623	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R7624	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7626	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R7627	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R7630	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7631	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7632	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7633	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7634	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7635	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7636	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R7637	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA

SWITCHES

Ref. No.	Part No.	★	Description	Code
S2601	QSW-K0065GEZZ	J	Key Switch	AC
S4201	QSW-S0198CEZZ	J	Slide Switch	AF
S4202	QSW-S0198CEZZ	J	Slide Switch	AF

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB1101	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1102	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1104	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1105	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1106	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1107	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1201	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1202	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1204	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1205	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1206	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1207	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1301	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1302	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1304	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1305	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1306	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1307	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2101	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2201	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2301	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2303	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2601	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2602	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2603	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2604	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2607	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2608	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2609	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2610	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB2611	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB2612	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2613	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB5401	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5402	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5502	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7202	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7203	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7204	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7205	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7301	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7304	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7307	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7308	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7309	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7310	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7311	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7312	RBLN-0062CEZZ	J	Ferrite Bead	AC
P1001	QPLGN0764TAZZ	J	Plug, 7-pin (TP)	AD
P2601	QPLGN1463TAZZ	J	Plug, 14-pin (RE)	AE
P2603	QPLGN0864TAZZ	J	Plug, 8-pin (RD)	AD
P2604	QPLGN0264TAZZ	J	Plug, 2-pin (L)	AC
P2605	QPLGN0364TAZZ	J	Plug, 3-pin (EC)	AC
P2610	QPLGN1264TAZZ	J	Plug, 12-pin (KY)	AE
P5101	QPLGN0464TAZZ	J	Plug, 4-pin (AZ)	AC
P5111	QPLGN0177FJZZ	J	Plug, 5-pin (AS)	AD
P5401	QPLGN0264TAZZ	J	Plug, 2-pin (LL)	AC
P5402	QPLGN0264TAZZ	J	Plug, 2-pin (RL)	AC
P7208	QPLGN0664TAZZ	J	Plug, 6-pin (D)	AD
P7301	QPLGN0364TAZZ	J	Plug, 3-pin (F1)	AC
P7303	QPLGN0176FJZZ	J	Plug, 4-pin (F2)	AD
P7305	QPLGN0364TAZZ	J	Plug, 3-pin (F3)	AC
P7306	QPLGN0174FJZZ	J	Plug, 2-pin (S3)	AC
P7307	QPLGN0176FJZZ	J	Plug, 4-pin (F4)	AD
P7308	QPLGN0174FJZZ	J	Plug, 2-pin (S4)	AC
SC1101	QSOCN3271TAZZ	J	Socket, 32-pin (RP)	AE
SC1201	QSOCN3271TAZZ	J	Socket, 32-pin (GP)	AE
SC1301	QSOCN3271TAZZ	J	Socket, 32-pin (BP)	AE
SC6801	QSOCZ0019FJZZ	J	Socket, 100-pin	AQ
SC7401	QCNCM6022CEZZ	J	Socket, 60-pin	AN
SC8404	QCNCM6022CEZZ	J	Socket, 60-pin	AN
SC8405	QCNCM6022CEZZ	J	Socket, 60-pin	AN
SC8502	QCNCM6022CEZZ	J	Socket, 60-pin	AN

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OUTPUT SUB UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7401	VHiSNHC153T-1	J	SN74HC153PW	AK
IC7402	VHiCA1875AM-1	J	CXA1875AM	AQ
IC7403	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7404	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7405	VHiBA00ASFP-1	J	BA00ASFP	AG
IC7406	VHiBA00ASFP-1	J	BA00ASFP	AG

TRANSISTOR

Ref. No.	Part No.	★	Description	Code
Q7401	VS2SD1760Q/-1	J	2SD1760Q	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D7401	VHDDAN202K/-1	J	Diode	AB
D7402	VHDDAN202K/-1	J	Diode	AB
D7403	VHDDAN202K/-1	J	Diode	AB
D7404	VHDDAN202K/-1	J	Diode	AB

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7216	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7218	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7227	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7240	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7401	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C7402	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7403	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C7404	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C7405	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7406	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C7407	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C7408	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7409	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C7410	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C7411	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7412	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C7413	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7415	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7416	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7417	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C7418	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7419	VCEAPF1CW476M	J	47 16V Electrolytic	AC
C7420	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7421	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C7422	VCEAPF1CW476M	J	47 16V Electrolytic	AC
C7430	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7401	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7403	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7404	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7405	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7407	VRN-CY1JF183D	J	18k 1/16W Metal Film	AA
R7409	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7411	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7412	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7413	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7414	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7416	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7417	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7418	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7419	VRN-CY1JF123D	J	12k 1/16W Metal Film	AB
R7420	VRN-CY1JF183D	J	18k 1/16W Metal Film	AA
R7422	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7424	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7427	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7429	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7430	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7431	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7432	VRN-CY1JF123D	J	12k 1/16W Metal Film	AB
R7433	VRN-CY1JF183D	J	18k 1/16W Metal Film	AA
R7435	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7437	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7438	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7439	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7440	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7442	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7443	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7444	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7446	VRN-CY1JF183D	J	18k 1/16W Metal Film	AA
R7448	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7450	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R7451	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7452	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7453	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7459	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7460	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7461	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7462	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7463	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7464	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7469	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7471	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7472	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7473	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7476	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R7490	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7491	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R7616	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R7617	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R7618	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R7619	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB7401	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7402	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7403	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7404	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7407	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7408	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7409	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7410	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7411	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7412	RBLN-0062CEZZ	J	Ferrite Bead	AC
P7206	QPLGN0324FJZZ	J	Plug, 22-pin (EA)	AD
P7401	QPLGN0176FJZZ	J	Plug, 4-pin (F5)	AD
P7402	QPLGN0174FJZZ	J	Plug, 2-pin (S5)	AC
P7403	QPLGN0175FJZZ	J	Plug, 3-pin (F6)	AD
P7405	QPLGN0175FJZZ	J	Plug, 3-pin (F7)	AD
P7406	QPLGN0174FJZZ	J	Plug, 2-pin (S7)	AC
P7407	QPLGN0176FJZZ	J	Plug, 4-pin (F8)	AD
P7408	QPLGN0174FJZZ	J	Plug, 2-pin (S8)	AC
P7409	QCNCW6030CEZZ	J	Plug, 60-pin	AM

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SIGNAL UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC301	VHiTA8184F/-1	J	TA8184F	AN
IC302	VHiTDA1517/-1	J	TDA1517/N2	AL
IC801	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC802	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC803	VHiTDA8854H-2	J	TDA8854H/N2	BD
IC804	VHiTDA4565/-1	J	TDA4565/V6	AN
IC805	VHiTA8814N/-1	J	TA8814N	AV
IC806	VHiNJM2060V-1	J	NJM2060V	AF
IC808	VHiSNT1G00C-1	J	SN74AHCT1G00DC	AD
IC809	VHiSNT1G08C-1	J	SN74AHCT1G08DC	AD
IC810	VHiBA05SFP+-1	J	BA05SFP	AG
IC4001	VHiMC141627-1	J	MC141627FT	AY
IC4002	VHiSNT1G32C-1	J	SN74AHCT1G32DC	AD
IC4301	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC4302	VHiCXA1839Q-1	J	CXA1839	AZ
IC4501	VHiPD64081B-1	J	UPD64081BGF3BA	BD
IC4503	VHiTK15420/-1	J	TK15420MTl	AG
IC4504	VHiTC4S66F/-1	J	TC4S66F	AD
IC4505	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC4506	VHiSNT1G08C-1	J	SN74AHCT1G08DC	AD
IC4507	VHiPST600iM-1	J	IC-PST600IMT	AE
IC4508	RH-iX3420CEZZ	J	MSM5416258B-28	AT
IC6001	VHiBA7046F/-1	J	BA7046F	AF
IC6002	VHiNJM2234M-1	J	NJM2234M	AF
IC6005	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC6006	VHiNJM2240M-1	J	NJM2240M	AG
IC6007	VHiNJM2240M-1	J	NJM2240M	AG
IC6008	VHiPST600DM-1	J	IC-PST600DMT	AE
IC6009	VHiTC90A11F-1	J	TC90A11F	AZ
IC6010	VHiM518221A-1	J	MSM518221A-30J	AW
IC6011	VHiNJM2283V-1	J	NJM2283V	AG
IC6012	VHiSNT1G00C-1	J	SN74AHCT1G00DC	AD
IC6013	VHiSNT1G32C-1	J	SN74AHCT1G32DC	AD
IC6014	VHiNJM2234M-1	J	NJM2234M	AF
IC6015	VHiNJM2234M-1	J	NJM2234M	AF
IC6016	VHiBA05SFP+-1	J	BA05SFP	AG
IC6501	VHiMAX3224E-1	J	MAX3224ECAP	AU
IC6502	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC6503	VHiMAX3224E-1	J	MAX3224ECAP	AU
IC6504	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC6505	VHiLV4053AT-1	J	SN74LV4053APWR	AE
IC6506	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC6507	VHiSNT1G08C-1	J	SN74AHCT1G08DC	AD
IC6508	VHiLV4053AT-1	J	SN74LV4053APWR	AE
IC6509	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC6510	VHiSNT1G32C-1	J	SN74AHCT1G32DC	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q301	VS2SC3928AR-1	J	2SC3928AR	AB
Q302	VS2SD1664R/-1	J	2SD1664R	AC
Q303	VS2SD1664R/-1	J	2SD1664R	AC
Q801	VS2SC3928AR-1	J	2SC3928AR	AB
Q802	VS2SA1530AR-1	J	2SA1530AR	AB
Q803	VSDTC144EK/-1	J	DTC144EK	AB
Q804	VS2SC3928AR-1	J	2SC3928AR	AB
Q805	VS2SC3928AR-1	J	2SC3928AR	AB
Q806	VS2SC3928AR-1	J	2SC3928AR	AB
Q809	VS2SC3928AR-1	J	2SC3928AR	AB
Q810	VS2SC3928AR-1	J	2SC3928AR	AB
Q811	VS2SA1530AR-1	J	2SA1530AR	AB
Q812	VSDTC144EK/-1	J	DTC144EK	AB
Q813	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q814	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q815	VS2SC2735//-1	J	2SC2735	AB
Q816	VS2SC2735//-1	J	2SC2735	AB
Q817	VS2SC2735//-1	J	2SC2735	AB
Q4001	VS2SC3928AR-1	J	2SC3928AR	AB
Q4003	VS2SC3928AR-1	J	2SC3928AR	AB
Q4004	VSiMX2/////-1	J	iMX2	AB
Q4005	VS2SA1530AR-1	J	2SA1530AR	AB
Q4006	VS2SC3928AR-1	J	2SC3928AR	AB
Q4007	VS2SC3928AR-1	J	2SC3928AR	AB
Q4008	VS2SC3928AR-1	J	2SC3928AR	AB
Q4301	VS2SC3928AR-1	J	2SC3928AR	AB
Q4302	VS2SC3928AR-1	J	2SC3928AR	AB
Q4303	VS2SC3928AR-1	J	2SC3928AR	AB
Q4304	VS2SC3928AR-1	J	2SC3928AR	AB
Q4305	VS2SC3928AR-1	J	2SC3928AR	AB
Q4306	VS2SC3928AR-1	J	2SC3928AR	AB
Q4307	VS2SC3928AR-1	J	2SC3928AR	AB
Q4308	VS2SC3928AR-1	J	2SC3928AR	AB
Q4309	VSDTC144EU/-1	J	DTC144EU	AB
Q4310	VSBSN20////-1	J	BSN20	AD
Q4311	VSBSN20////-1	J	BSN20	AD
Q4313	VSDTC144EU/-1	J	DTC144EU	AB
Q4502	VS2SA1530AR-1	J	2SA1530AR	AB
Q4503	VS2SA1530AR-1	J	2SA1530AR	AB
Q4504	VS2SA1530AR-1	J	2SA1530AR	AB
Q4505	VS2SA1530AR-1	J	2SA1530AR	AB
Q4508	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q4509	VS2SC3928AR-1	J	2SC3928AR	AB
Q4510	VS2SA1530AR-1	J	2SA1530AR	AB
Q4511	VS2SC3928AR-1	J	2SC3928AR	AB
Q4512	VS2SA1530AR-1	J	2SA1530AR	AB
Q6001	VS2SC3928AR-1	J	2SC3928AR	AB
Q6002	VS2SC3928AR-1	J	2SC3928AR	AB
Q6003	VS2SC3928AR-1	J	2SC3928AR	AB
Q6005	VS2SC3928AR-1	J	2SC3928AR	AB
Q6006	VS2SC3928AR-1	J	2SC3928AR	AB
Q6007	VS2SC3928AR-1	J	2SC3928AR	AB
Q6008	VS2SA1530AR-1	J	2SA1530AR	AB
Q6009	VS2SC3928AR-1	J	2SC3928AR	AB
Q6010	VS2SC3928AR-1	J	2SC3928AR	AB
Q6011	VS2SA1530AR-1	J	2SA1530AR	AB
Q6012	VS2SC3928AR-1	J	2SC3928AR	AB
Q6013	VS2SC3928AR-1	J	2SC3928AR	AB
Q6014	VS2SC3928AR-1	J	2SC3928AR	AB
Q6015	VS2SC3928AR-1	J	2SC3928AR	AB
Q6501	VS2SA1530AR-1	J	2SA1530AR	AB
Q6503	VSDTC144EU/-1	J	DTC144EU	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D302	RH-EX0652GEZZ	J	Zener Diode, 18V	AB
D801	VHDDAN202K/-1	J	Diode	AB
D802	VHDMA152WA/-1	J	Diode	AA
D803	VHDDAN202K/-1	J	Diode	AB
D4001	VHD1SS355//-1	J	Diode	AB
D4002	VHDMA153///-1	J	Diode	AB
D6002	VHDDAN202K/-1	J	Diode	AB
D6501	VHDDAN202K/-1	J	Diode	AB
D6505	VHDDAN202K/-1	J	Diode	AB
D6506	VHDDAN202K/-1	J	Diode	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X801	RCRSB0254CEZZ	J	Crystal	AL
X802	RCRSB0253CEZZ	J	Crystal	AL
X803	RCRSC0020CEZZ	J	Crystal	AK
X804	RCRSC0021CEZZ	J	Crystal	AK
X4501	RCRSB0258CEZZ	J	Crystal	AG

FILTERS AND COILS

Ref. No.	Part No.	★	Description	Code
FL4001	RCiLF0316CEZZ	J	Filter	AG
FL4002	RCiLF0316CEZZ	J	Filter	AG
FL4501	RCiLV0108GEZZ	J	Filter	AG
FL4502	RCiLF0306CEZZ	J	Filter	AH
L801	VP-1M330J4R2N	J	Peaking 33µH	AC
L4001	VP-1M330J4R2N	J	Peaking 33µH	AC
L4002	VP-1M330J4R2N	J	Peaking 33µH	AC
L4003	VP-1M270J3R8N	J	Peaking 27µH	AC
L4501	VP-1M220J2R9N	J	Peaking 22µH	AC
L4503	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L6001	VP-1M270J3R8N	J	Peaking 27µH	AC
L6002	VP-1M330J4R2N	J	Peaking 33µH	AC
L6003	VP-1M220J2R9N	J	Peaking 22µH	AC

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CAPACITORS

Ref. No.	Part No.	★	Description			Code
C301	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C302	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C303	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C304	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C305	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C306	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C309	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C310	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C311	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C312	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C313	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C314	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C315	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C316	VCKYCY1CF154Z	J	0.15	16V	Ceramic	AB
C317	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C318	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C319	VCE9PF1CW475M	J	4.7	16V	Elect.(N.P)	AC
C320	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C321	VCEA2A1CW108M	J	1000	16V	Electrolytic	AB
C322	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C323	VCEA2A1CW108M	J	1000	16V	Electrolytic	AB
C324	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C325	VCEA2A1EW477M	J	470	25V	Electrolytic	AD
C326	VCE9PF1CW475M	J	4.7	16V	Elect.(N.P)	AC
C328	VCKYTV1CB334K	J	0.33	16V	Ceramic	AC
C329	VCKYTV1CB334K	J	0.33	16V	Ceramic	AC
C801	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C802	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C803	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C804	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C805	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C806	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C807	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C808	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C809	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C810	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C811	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C812	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C813	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C814	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C816	VCFYEC1CM223J	J	0.022	16V	Mylar	AC
C817	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C818	VCFYEC1CM274J	J	0.27	16V	Mylar	AE
C819	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C820	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C821	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C822	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C823	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C824	VCFRED1HM472J	J	4700p	50V	Mylar	AD
C826	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C827	VCFYEC1CM274J	J	0.27	16V	Mylar	AE
C828	VCFRED1HM222J	J	2200p	50V	Mylar	AC
C829	VCKYCY1CF224Z	J	0.22	16V	Ceramic	AA
C830	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C831	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C832	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C833	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C834	VCFRED1HM332J	J	3300p	50V	Mylar	AD
C835	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C836	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C837	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C838	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C839	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C840	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C841	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C842	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C843	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C844	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C845	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C846	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C847	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C852	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C853	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C854	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C855	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C856	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C858	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C859	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C860	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C861	VCFYEC1CM104J	J	0.1	16V	Mylar	AD
C862	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C863	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C865	VCCCCY1HH820J	J	82p	50V	Ceramic	AA
C866	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C867	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C868	VCCCCY1HH820J	J	82p	50V	Ceramic	AA
C869	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C870	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C871	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C872	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C873	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C875	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C876	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C877	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C878	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C879	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C880	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C881	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C883	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C884	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C885	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C886	VCCCCY1HH150J	J	15p	50V	Ceramic	AA
C889	VCCCCY1HH121J	J	120p	50V	Ceramic	AA
C890	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C891	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C892	VCEAPF1AW476M	J	47	10V	Electrolytic	AB
C4001	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4003	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C4004	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4005	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C4006	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4007	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4008	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C4009	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C4010	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4011	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4012	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4013	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4014	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4015	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4016	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4017	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C4018	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4019	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4020	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4021	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4022	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4023	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4024	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4025	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C4026	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4027	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4028	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4301	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4302	VCCCCY1EH821J	J	820p	25V	Ceramic	AB
C4303	VCCCCY1HH561J	J	560p	50V	Ceramic	AB
C4304	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4305	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4306	VCEAPF1HW106M	J	10	50V	Electrolytic	AB
C4307	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4308	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4309	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4310	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4311	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4312	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4313	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4314	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C4315	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4316	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4317	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4318	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4320	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C4321	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4322	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4323	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C4324	VCEAPF1HW474M	J	0.47	50V	Electrolytic	AB
C4325	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4326	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4505	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4506	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C4507	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C4508	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4509	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4510	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4511	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C4512	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4517	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4518	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4519	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4520	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4521	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4522	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4523	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4524	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4525	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4526	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4527	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4528	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C4529	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4530	VCKYTV1CB334K	J	0.33	16V	Ceramic	AC
C4531	RC-EZ0569CEZZ	J	10	10V	Electrolitic	AF
C4532	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C4533	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4534	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4535	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4536	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C4537	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4538	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4539	RC-EZ0569CEZZ	J	10	10V	Electrolitic	AF
C4540	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4541	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4542	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4543	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4545	VCEAPF1HW474M	J	0.47	50V	Electrolytic	AB
C4546	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4547	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4548	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4549	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4550	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4551	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4552	VCCCCY1HH391J	J	390p	50V	Ceramic	AA
C4553	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4554	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4555	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4556	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C4557	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4558	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4559	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4560	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C4561	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4562	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4563	RC-EZ0569CEZZ	J	10	10V	Electrolitic	AF
C4564	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4566	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4567	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4568	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4569	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C6001	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6002	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C6004	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6005	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6007	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6008	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6009	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6010	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6011	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C6012	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C6013	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6014	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6015	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6016	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6017	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C6026	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6027	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C6028	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6029	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6030	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6031	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C6032	VCKYCY1HF102Z	J	1000p	50V	Ceramic	AA
C6033	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C6034	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6035	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6036	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C6038	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C6039	VCCCCY1HH360J	J	36p	50V	Ceramic	AA
C6040	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C6041	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C6042	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6043	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C6044	VCKYCY1HF102Z	J	1000p	50V	Ceramic	AA
C6045	VCCCCY1HH680J	J	68p	50V	Ceramic	AA
C6046	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C6047	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6048	VCCCCY1HH7R0D	J	7.0p	50V	Ceramic	AA
C6049	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6050	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6051	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C6052	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C6053	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C6054	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6055	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6056	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6057	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6058	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6059	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6060	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6061	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6062	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6063	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C6064	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6065	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6066	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6067	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6068	VCCCCY1HH181J	J	180p	50V	Ceramic	AA
C6069	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6070	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6071	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6072	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6073	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6074	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C6075	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6076	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6077	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6078	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6079	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C6081	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C6082	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C6083	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6084	VCE9PF1CW226M	J	22	16V	Elect.(N.P)	AD
C6085	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C6086	VCE9PF1CW226M	J	22	16V	Elect.(N.P)	AD
C6087	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C6088	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6089	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6090	VCE9PF1CW226M	J	22	16V	Elect.(N.P)	AD

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Ref. No.	Part No.	★	Description	Code
C6091	VCE9PF1CW226M	J	22 16V Elect.(N.P)	AD
C6092	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C6093	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C6094	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6095	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C6096	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C6097	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C6160	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C6161	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6162	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6163	VCEAPF1AW476M	J	47 10V Electrolytic	AB
C6164	RC-EZ0569CEZZ	J	10 10V Electrolitic	AF
C6165	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6501	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C6502	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC
C6504	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6505	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6507	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6510	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C6514	VCEAPF1EW336M	J	33 25V Electrolytic	AB
C6516	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6517	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6519	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C6520	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6523	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6524	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6525	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC
C6526	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC
C6527	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6528	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6529	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6530	VCKYTV1CB105K	J	1.0 16V Ceramic	AC
C6531	VCKYTV1CB105K	J	1.0 16V Ceramic	AC
C6532	VCKYTV1CB105K	J	1.0 16V Ceramic	AC
C6533	VCKYTV1CB105K	J	1.0 16V Ceramic	AC
C6534	VCKYTV1CB224K	J	0.22 16V Ceramic	AB
C6535	VCKYTV1CB105K	J	1.0 16V Ceramic	AC
C6536	VCKYTV1CB224K	J	0.22 16V Ceramic	AB
C6537	VCKYTV1CB105K	J	1.0 16V Ceramic	AC
C6538	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6540	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6541	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6542	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6543	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C6545	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R301	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R302	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R303	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R304	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R305	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R306	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R307	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R308	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R309	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R310	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R311	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R312	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R313	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R314	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R315	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R316	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R317	QFS-J2521CEZZ	J	Fuse Resistor	AF
R320	VRS-CR3AD2R2J	J	2.2 1W Metal Oxide	AC
R321	VRS-CR3AD2R2J	J	2.2 1W Metal Oxide	AC
R322	VRS-TX2HF000J	J	0 1/2W Metal Oxide	AA
R323	VRS-TX2HF000J	J	0 1/2W Metal Oxide	AA
R326	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R330	VRS-TX2HF182J	J	1.8k 1/2W Metal Oxide	AB
R351	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R352	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R353	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R354	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R356	VRS-TW2ED121J	J	120 1/4W Metal Oxide	AA
R801	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R802	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R803	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R804	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R805	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R806	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R807	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R808	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R809	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R810	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R811	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R812	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R813	VRS-CY1JF750J	J	75 1/16W Metal Oxide	AA
R814	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R815	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R816	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R817	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R818	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R819	VRN-CY1JF133D	J	13k 1/16W Metal Film	AB
R820	VRN-CY1JF752D	J	7.5k 1/16W Metal Film	AA
R821	VRN-CY1JF682D	J	6.8k 1/16W Metal Film	AB
R822	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
R823	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R824	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R829	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R830	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R831	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R832	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R833	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R834	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R835	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R836	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R838	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R839	VRS-CY1JF564J	J	560k 1/16W Metal Oxide	AA
R840	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R842	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R843	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R844	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA
R845	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R846	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R847	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R848	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R849	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R850	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R851	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R852	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R853	VRS-TX2HF4R7J	J	4.7 1/2W Metal Oxide	AB
R854	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R855	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R857	VRS-TX2HF4R7J	J	4.7 1/2W Metal Oxide	AB
R858	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA
R859	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R860	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA
R861	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA
R862	VRS-CY1JF272J	J	2.7k 1/16W Metal Oxide	AA
R863	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R865	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R866	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R867	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R868	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R869	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R870	VRS-CY1JF272J	J	2.7k 1/16W Metal Oxide	AA
R871	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R872	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R873	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R874	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R876	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R880	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R882	VRS-TV1JD222J	J	2.2k 1/16W Metal Oxide	AA
R883	VRS-CY1JF183J	J	18k 1/16W Metal Oxide	AA
R884	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R885	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R887	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R888	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R892	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R895	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R896	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R897	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R898	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R899	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R900	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R901	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R902	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R903	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R904	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R905	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R906	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R907	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R908	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R909	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R910	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R911	VRS-CY1JF683J	J	68k 1/16W Metal Oxide	AA
R912	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R913	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R914	VRS-CY1JF102J	J	1k 1/16W Metal Oxide	AA
R915	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R916	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R917	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R918	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R919	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R920	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R921	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R922	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R923	VRS-CY1JF363J	J	36k 1/16W Metal Oxide	AA
R924	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R925	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R927	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R930	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R931	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R932	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R933	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R934	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R935	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R936	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R937	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R938	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R939	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4001	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4002	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R4003	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R4004	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4005	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4007	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R4008	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4009	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4010	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4012	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R4013	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4014	VRS-CY1JF185J	J	1.8M 1/16W Metal Oxide	AA
R4016	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA
R4017	VRS-CY1JF560J	J	56 1/16W Metal Oxide	AA
R4018	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R4019	VRS-CY1JF4R7J	J	4.7 1/16W Metal Oxide	AA
R4020	VRS-CY1JF121J	J	120 1/16W Metal Oxide	AA
R4021	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4022	VRS-CY1JF560J	J	56 1/16W Metal Oxide	AA
R4023	VRS-CY1JF560J	J	56 1/16W Metal Oxide	AA
R4024	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4025	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA
R4026	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA
R4027	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R4028	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4029	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4030	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4031	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4032	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R4033	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R4034	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R4035	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R4036	VRS-CY1JF754J	J	750k 1/16W Metal Oxide	AA
R4037	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R4038	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4039	VRS-TV1JD3R9J	J	3.9 1/16W Metal Oxide	AA
R4040	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4041	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4042	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4043	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4044	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R4045	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R4301	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4304	VRN-CY1JF562D	J	5.6k 1/16W Metal Film	AB
R4305	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4306	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4307	VRN-CY1JF392D	J	3.9k 1/16W Metal Film	AA
R4308	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4309	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4310	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4314	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4315	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R4316	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R4318	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4320	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4323	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4324	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4325	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R4326	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R4329	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4330	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R4331	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4332	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R4333	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R4335	VRS-CY1JF222F	J	2.2k 1/16W Metal Oxide	AA
R4336	VRS-CY1JF472F	J	4.7k 1/16W Metal Oxide	AA
R4337	VRS-CY1JF472F	J	4.7k 1/16W Metal Oxide	AA
R4338	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4339	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R4340	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4341	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4342	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4343	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4344	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4345	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4346	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4347	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4348	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4351	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4354	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R4355	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R4356	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R4357	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R4361	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R4362	VRS-CY1JF162F	J	1.6k 1/16W Metal Oxide	AA
R4363	VRS-CY1JF182F	J	1.8k 1/16W Metal Oxide	AA
R4364	VRS-CY1JF152F	J	1.5k 1/16W Metal Oxide	AA
R4365	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4505	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4509	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R4510	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R4511	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R4512	VRS-CY1JF561F	J	560 1/16W Metal Oxide	AA
R4513	VRS-CY1JF821F	J	820 1/16W Metal Oxide	AA
R4514	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R4515	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4516	VRS-CY1JF431F	J	430 1/16W Metal Oxide	AA
R4517	VRS-CY1JF911J	J	910 1/16W Metal Oxide	AA
R4518	VRS-CY1JF132J	J	1.3k 1/16W Metal Oxide	AA
R4519	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R4520	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R4521	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R4522	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4523	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R4525	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4527	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4528	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R4529	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R4533	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4536	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4537	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4538	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R4539	VRS-CY1JF222F	J	2.2k 1/16W Metal Oxide	AA
R4540	VRS-CY1JF222F	J	2.2k 1/16W Metal Oxide	AA
R4541	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R4542	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R4543	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R4544	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4545	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4546	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R4547	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4548	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R4549	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R4550	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4551	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4552	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4553	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4554	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4555	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4556	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R4557	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R4558	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4559	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R4560	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R4561	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R4562	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R4565	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4566	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4567	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4568	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R4569	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R4571	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4573	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R4574	VRS-TV1JD5R6J	J	5.6 1/16W Metal Oxide	AA
R4575	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4576	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R4577	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4578	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4579	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4580	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4581	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4582	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4583	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4584	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4585	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4587	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R4588	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6001	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6002	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6005	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R6006	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6008	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6010	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R6011	VRS-CY1JF151J	J	150 1/16W Metal Oxide	AA
R6012	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6013	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6014	VRS-CY1JF474J	J	470k 1/16W Metal Oxide	AA
R6015	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R6016	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R6018	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6019	VRS-TV1JD102J	J	1.0k 1/16W Metal Oxide	AA
R6021	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6022	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6023	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R6024	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6025	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6026	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R6027	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6028	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6029	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6030	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6032	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6039	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R6043	VRS-CY1JF361J	J	360 1/16W Metal Oxide	AA
R6044	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R6045	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6046	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6047	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6048	VRS-CY1JF332F	J	3.3k 1/16W Metal Oxide	AA
R6050	VRS-CY1JF681F	J	680 1/16W Metal Oxide	AA
R6051	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6052	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R6053	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6054	VRS-CY1JF361J	J	360 1/16W Metal Oxide	AA
R6055	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R6056	VRS-CY1JF112F	J	1.1k 1/16W Metal Oxide	AA
R6057	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R6058	VRS-CY1JF392F	J	3.9k 1/16W Metal Oxide	AA
R6059	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6060	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6061	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6062	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6063	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6064	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6065	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6066	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6067	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6068	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R6069	VRS-CY1JF471F	J	470 1/16W Metal Oxide	AA
R6070	VRS-TV1JD471J	J	470 1/16W Metal Oxide	AA
R6071	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R6072	VRN-CY1JF332D	J	3.3k 1/16W Metal Film	AA
R6073	VRN-CY1JF332D	J	3.3k 1/16W Metal Film	AA
R6074	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6075	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6076	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R6077	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6078	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6079	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6080	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6081	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6082	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6083	VRS-CY1JF154J	J	150k 1/16W Metal Oxide	AA
R6084	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6085	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6086	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6087	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6088	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6089	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6090	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R6091	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6092	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R6093	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R6094	VRS-TV1JD222J	J	2.2k 1/16W Metal Oxide	AA
R6096	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6097	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6098	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6101	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6102	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6106	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6107	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6108	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6109	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6110	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6111	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6163	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6164	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6165	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6166	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6167	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6169	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6170	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R6172	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6173	VRS-TV1JD2R2J	J	2.2 1/16W Metal Oxide	AA
R6503	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6505	VRS-TX2HF000J	J	0 1/2W Metal Oxide	AA
R6506	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6507	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R6508	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R6509	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R6510	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6513	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6515	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R6516	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R6521	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6525	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6528	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6529	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6530	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6531	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6532	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6535	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6537	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6538	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6541	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB301	RBLN-0060CEZZ	J	Ferrite Bead	AC
FB4001	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB4002	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB4003	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB4004	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB4005	RBLN-0033TAZZ	J	Ferrite Bead	AB
FB4501	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4502	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4503	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4504	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4505	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4506	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4507	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB6001	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB6002	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB6003	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB6004	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB6005	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB6006	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB6501	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6502	RBLN-0059CEZZ	J	Ferrite Bead	AB
J6501	QJAKE0189CEZZ	J	Jack	AK
P303	QPLGN0176FJZZ	J	Plug, 4-pin (SP)	AD
P801	QPLGN0463TAZZ	J	Plug, 4-pin	AC
P6501	QPLGZ1061CEZZ	J	Plug, 100-pin (OS)	AW
SC401	QCNCM4022CEZZ	J	Socket, 40-pin (VI)	AK
SC602	QCNCM4022CEZZ	J	Socket, 40-pin (ES)	AK
SC3001	QCNCM4022CEZZ	J	Socket, 40-pin (PI)	AK
SLD6501	PRDAR1521CEFW	J	Shield, for IC302	AL
	LX-BZ3049GEFD	J	Screw	AA

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R/C RECEIVER-1 UNIT

CAPACITOR

Ref. No.	Part No.	★	Description	Code
C5581	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5564	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R5565	VRS-CY1JF220J	J	22 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P5555	QPLGN0364TAZZ	J	Plug, 3-pin (RC)	AC
RMC5552	RRMCU0239CEZZ	J	R/C Receiver	AG
	PSLDC3063CEFW	J	Shield	AE

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R/C RECEIVER-2 UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC5603	VHiM62320FP-1	J	M62320FP	AK
IC5604	VHiM62320FP-1	J	M62320FP	AK
IC5605	VHiM62320FP-1	J	M62320FP	AK

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q5601	VSDTC144EU/-1	J	DTC144EU	AB
Q5602	VSDTC144EU/-1	J	DTC144EU	AB
Q5603	VSDTC144EU/-1	J	DTC144EU	AB
Q5604	VSDTC144EU/-1	J	DTC144EU	AB
Q5605	VSDTC144EU/-1	J	DTC144EU	AB
Q5606	VSDTC144EU/-1	J	DTC144EU	AB
Q5607	VSDTC144EU/-1	J	DTC144EU	AB
Q5608	VSDTC144EU/-1	J	DTC144EU	AB
Q5609	VSDTC144EU/-1	J	DTC144EU	AB
Q5610	VSDTC144EU/-1	J	DTC144EU	AB
Q5611	VSDTC144EU/-1	J	DTC144EU	AB
Q5612	VSDTC144EU/-1	J	DTC144EU	AB
Q5613	VSDTC144EU/-1	J	DTC144EU	AB
Q5614	VSDTC144EU/-1	J	DTC144EU	AB
Q5615	VSDTC144EU/-1	J	DTC144EU	AB
Q5616	VSDTC144EU/-1	J	DTC144EU	AB
Q5617	VSDTC144EU/-1	J	DTC144EU	AB
Q5618	VSDTC144EU/-1	J	DTC144EU	AB
Q5619	VSDTC144EU/-1	J	DTC144EU	AB
Q5620	VSDTC144EU/-1	J	DTC144EU	AB
Q5621	VSDTC144EU/-1	J	DTC144EU	AB
Q5622	VSDTC144EU/-1	J	DTC144EU	AB
Q5623	VSDTC144EU/-1	J	DTC144EU	AB
Q5624	VSDTC144EU/-1	J	DTC144EU	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D5602	RH-EX0514CEZZ	J	Zener Diode	AB
D5603	RH-PX0429CEZZ	J	LED LB-603VF	AN

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5580	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC
C5601	VCEAPV1CW476M	J	47 16V Electrolytic	AD
C5602	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5603	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C5604	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C5605	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5606	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5607	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5580	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R5581	VRS-CY1JF220J	J	22 1/16W Metal Oxide	AA
R5601	VRS-TV1JD221J	J	220 1/16W Metal Oxide	AA
R5602	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5606	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5607	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5608	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5609	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5610	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5611	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5612	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5613	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5614	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5615	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5616	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5617	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5618	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5620	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5622	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5624	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5625	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5626	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5627	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5628	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5629	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5630	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5631	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5632	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5633	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5634	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5635	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5639	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5640	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5641	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5642	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5643	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5644	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5645	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5646	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5647	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5648	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5649	VRS-TV1JD152J	J	1.5k 1/16W Metal Oxide	AA
R5656	VRS-TX2HF000J	J	0 1/2W Metal Oxide	AA
R5657	VRS-TX2HF000J	J	0 1/2W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P5580	QPLGN0864TAZZ	J	Plug, 8-pin (RD)	AD
RMC5580	RRMCU0239CEZZ	J	R/C Receiver	AG
	PSLDC3063CEFW	J	Shield	AE

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LED UNIT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q2804	VSDTC144EU/-1	J	DTC144EU	AB
Q2805	VSDTC144EU/-1	J	DTC144EU	AB
Q2806	VSDTC144EU/-1	J	DTC144EU	AB
Q2807	VSDTC144EU/-1	J	DTC144EU	AB
Q2808	VSDTC144EU/-1	J	DTC144EU	AB
Q2809	VSDTC144EU/-1	J	DTC144EU	AB
Q2810	VSDTC144EU/-1	J	DTC144EU	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D2801	RH-PX0428CEZZ	J	LED	AE
D2802	RH-PX0428CEZZ	J	LED	AE
D2803	RH-PX0428CEZZ	J	LED	AE
D2804	RH-PX0428CEZZ	J	LED	AE
D2807	VHDDAN202K/-1	J	Diode	AB

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C2801	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C2802	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2803	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C2804	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R2803	VRS-TW2ED471J	J	470 1/4W Metal Oxide	AA
R2804	VRS-TW2ED392J	J	3.9k 1/4W Metal Oxide	AA
R2805	VRS-TW2ED471J	J	470 1/4W Metal Oxide	AA
R2806	VRS-TW2ED392J	J	3.9k 1/4W Metal Oxide	AA
R2807	VRS-TW2ED471J	J	470 1/4W Metal Oxide	AA
R2808	VRS-TW2ED392J	J	3.9k 1/4W Metal Oxide	AA
R2809	VRS-TW2ED392J	J	3.9k 1/4W Metal Oxide	AA
R2810	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P2801	QPLGN1164TAZZ	J	Plug, 11-pin (LE)	AF
	LHLDZ2112CEKZ	J	Holder	AF
	LANGU9039CEFW	J	Angl	AG
	LX-BZ3266CEFD	J	Screw	AA

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INPUT UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC401	VHiNJM2245M-1	J	NJM2245M	AF
IC402	VHiNJM2245M-1	J	NJM2245M	AF
IC403	VHiNJM2233V-1	J	NJM2233V	AE
IC404	VHiNJM2233V-1	J	NJM2233V	AE
IC601	VHiNJM2245M-1	J	NJM2245M	AF
IC602	VHiNJM2245M-1	J	NJM2245M	AF
IC603	VHiNJM2233M-1	J	NJM2233M	AE
IC604	VHiNJM2233M-1	J	NJM2233M	AE
IC651	VHiM62320FP-1	J	M62320FP	AK
IC1401	VHiTC7W53U/-1	J	TC7W53FU	AF
IC1402	VHiTC7W53U/-1	J	TC7W53FU	AF
IC1403	VHiNJM2245M-1	J	NJM2245M	AF
IC1404	VHiNJM2245M-1	J	NJM2245M	AF
IC1405	VHiNJM2233V-1	J	NJM2233V	AE
IC1406	VHiAD8185++-1	J	AD8185ARU	AW
IC1407	VHiAD8185++-1	J	AD8185ARU	AW
IC3001	VHi24LC21//-1	J	24LC21T	AN
IC3101	VHiLV4053AT-1	J	SN74LV4053APWR	AE
IC3102	VHiLV4053AT-1	J	SN74LV4053APWR	AE
IC3120	VHiTL712CPW-1	J	Tl712CPWR	AL
IC3130	VHiTL712CPW-1	J	Tl712CPWR	AL
IC3140	VHiTL712CPW-1	J	Tl712CPWR	AL
IC3150	VHiLV125AT+-1	J	SN74LV125APWR	AE
IC3160	VHiNJM2903V-1	J	NJM2903V	AD
IC3161	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC3170	VHiTL712CPW-1	J	Tl712CPWR	AL
IC3180	VHiTL712CPW-1	J	Tl712CPWR	AL
IC3201	VHiAD8185++-1	J	AD8185ARU	AW
IC3301	VHiAD8183++-1	J	AD8183ARU	AW
IC3351	VHiAD8013AR-1	J	AD8013AR-14	AV

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q401	VS2SA1530AR-1	J	2SA1530AR	AB
Q402	VS2SC3928AR-1	J	2SC3928AR	AB
Q403	VS2SA1530AR-1	J	2SA1530AR	AB
Q404	VS2SC3928AR-1	J	2SC3928AR	AB
Q1402	VS2SC3928AR-1	J	2SC3928AR	AB
Q1403	VS2SC3928AR-1	J	2SC3928AR	AB
Q1404	VSDTC144EU/-1	J	DTC144EU	AB
Q3140	VSDTC144EU/-1	J	DTC144EU	AB
Q3170	VS2SC3928AR-1	J	2SC3928AR	AB
Q3171	VS2SA1530AR-1	J	2SA1530AR	AB
Q3180	VS2SC3928AR-1	J	2SC3928AR	AB
Q3181	VS2SA1530AR-1	J	2SA1530AR	AB
Q3304	VSDTC144EU/-1	J	DTC144EU	AB
Q3351	VSDTA114EU/-1	J	DTA114EU	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D401	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D402	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D403	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D404	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D405	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D406	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D407	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D408	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D409	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D410	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D411	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D412	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D413	VHDMA157A//-1	J	Diode	AC
D414	VHDMA157A//-1	J	Diode	AC
D415	VHDMA157A//-1	J	Diode	AC
D416	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D417	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D418	VHDMA152WA/-1	J	Diode	AA
D419	VHDMA152WA/-1	J	Diode	AA
D601	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D602	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D603	RH-EX0226CEZZ	J	Zener Diode, 12V	AB

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INPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
D604	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D605	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D606	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D607	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D608	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D609	VHDMA3120WA-1	J	Diode	AK
D1401	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D1402	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D1403	VHDMA157A//-1	J	Diode	AC
D1404	VHDMA157A//-1	J	Diode	AC
D1405	VHDMA157A//-1	J	Diode	AC
D1406	VHDMA157A//-1	J	Diode	AC
D1407	VHDMA157A//-1	J	Diode	AC
D1408	VHDMA157A//-1	J	Diode	AC
D1409	VHDMA157A//-1	J	Diode	AC
D1410	VHDMA157A//-1	J	Diode	AC
D1411	VHDMA157A//-1	J	Diode	AC
D3001	VHDMA157A//-1	J	Diode	AC
D3002	VHDMA157A//-1	J	Diode	AC
D3051	VHDMA157A//-1	J	Diode	AC
D3052	VHDMA157A//-1	J	Diode	AC
D3053	VHDMA157A//-1	J	Diode	AC
D3103	VHDMA157A//-1	J	Diode	AC
D3104	VHDMA157A//-1	J	Diode	AC
D3120	VHDMA157A//-1	J	Diode	AC
D3130	VHDMA157A//-1	J	Diode	AC
D3170	VHDMA157A//-1	J	Diode	AC
D3180	VHDMA157A//-1	J	Diode	AC
D3201	VHDMA157A//-1	J	Diode	AC
D3202	VHDMA157A//-1	J	Diode	AC
D3203	VHDMA157A//-1	J	Diode	AC
D3204	VHDMA157A//-1	J	Diode	AC
D3205	VHDMA157A//-1	J	Diode	AC
D3206	VHDMA157A//-1	J	Diode	AC
D3351	VHDMA157A//-1	J	Diode	AC
D3352	VHDMA157A//-1	J	Diode	AC
D3353	VHDMA157A//-1	J	Diode	AC
D3354	VHDMA157A//-1	J	Diode	AC
D3355	VHDMA157A//-1	J	Diode	AC
D3356	VHDMA157A//-1	J	Diode	AC
D3357	VHDMA152WA/-1	J	Diode	AA
D3358	VHDMA152WA/-1	J	Diode	AA
D3401	VHDMA3120WA-1	J	Diode	AK
D3402	VHDMA3120WA-1	J	Diode	AK
D3403	VHDMA3120WA-1	J	Diode	AK
D3404	VHDMA3120WA-1	J	Diode	AK
D3405	VHDMA3120WA-1	J	Diode	AK
D3406	VHDMA3120WA-1	J	Diode	AK
D3407	VHDMA3120WA-1	J	Diode	AK
D3408	VHDMA3120WA-1	J	Diode	AK

FILTERS AND COIL

Ref. No.	Part No.	★	Description	Code
FL401	RFiLN0017TAZZ	J	Filter	AC
FL402	RFiLN0017TAZZ	J	Filter	AC
FL403	RFiLN0017TAZZ	J	Filter	AC
FL404	RFiLN0017TAZZ	J	Filter	AC
FL405	RFiLN0017TAZZ	J	Filter	AC
FL406	RFiLN0017TAZZ	J	Filter	AC
FL407	RFiLN0017TAZZ	J	Filter	AC
FL408	RFiLN0017TAZZ	J	Filter	AC
FL409	RFiLN0017TAZZ	J	Filter	AC
FL410	RFiLN0017TAZZ	J	Filter	AC
FL411	RFiLN0017TAZZ	J	Filter	AC
FL412	RFiLN0017TAZZ	J	Filter	AC
FL413	RFiLN0017TAZZ	J	Filter	AC
FL414	RFiLN0017TAZZ	J	Filter	AC
FL415	RFiLN0017TAZZ	J	Filter	AC
FL416	RFiLN0017TAZZ	J	Filter	AC
FL417	RFiLN0017TAZZ	J	Filter	AC
FL418	RFiLN0017TAZZ	J	Filter	AC
FL3001	RFiLN0003TAZZ	J	Filter	AD
FL3002	RFiLN0003TAZZ	J	Filter	AD
FL3003	RFiLN0003TAZZ	J	Filter	AD
FL3051	RFiLN0003TAZZ	J	Filter	AD
FL3052	RFiLN0003TAZZ	J	Filter	AD
FL3053	RFiLN0003TAZZ	J	Filter	AD
FL3351	RFiLN0003TAZZ	J	Filter	AD
FL3352	RFiLN0003TAZZ	J	Filter	AD
FL3353	RFiLN0003TAZZ	J	Filter	AD
L3001	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C401	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C402	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C406	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C407	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C408	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C409	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C410	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C411	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C415	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C416	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C417	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C418	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C422	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C423	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C424	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C425	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C426	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C428	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C429	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C431	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C432	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C433	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C434	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C435	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C436	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C437	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C438	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C439	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C440	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C441	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C442	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C601	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C602	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C603	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C604	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C605	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C606	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C607	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C608	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C609	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C610	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C611	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C612	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C613	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C614	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C615	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C616	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C617	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C618	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C621	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C622	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C623	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C624	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C625	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C626	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C651	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1401	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1402	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1403	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1404	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1405	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1406	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1407	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1409	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1410	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1411	VCEAPF1CW226M	J	22	16V	Electrolytic	AB

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INPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C1412	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1413	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1414	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1417	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1418	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C1419	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1438	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1439	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1440	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1441	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1442	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1443	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1444	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1445	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1446	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1447	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1448	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1449	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1450	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1451	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1452	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1453	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1454	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C1455	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1456	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C1457	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1458	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1459	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1460	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1461	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1462	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C1463	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1464	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C1465	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1466	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C3001	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3002	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3101	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3102	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3120	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3121	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3122	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3130	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3131	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3132	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3140	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3141	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3142	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3150	VCEAPF0JW226M	J	22 6.3V Electrolytic	AB
C3151	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3160	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3161	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3162	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C3170	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
C3171	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
C3172	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3173	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3180	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
C3181	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
C3182	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3183	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3201	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3202	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3203	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3204	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3205	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3206	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3207	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3208	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3209	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3210	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3211	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3212	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3213	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C3214	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3215	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C3216	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3301	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C3302	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3303	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C3304	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3352	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3353	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3356	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R401	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R402	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R403	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R404	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R405	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R406	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R407	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R408	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R409	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R410	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R411	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R413	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R414	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R415	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R416	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R417	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R418	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R419	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R420	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R421	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R422	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R423	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R424	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R425	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R426	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R427	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R428	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R429	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R430	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R431	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R432	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R433	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R434	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R436	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R437	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R438	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R439	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R440	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R441	VRS-TQ2BD750J	J	75 1/8W Metal Oxide	AA
R442	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R443	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R444	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R445	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R446	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R447	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R448	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R449	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R450	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R451	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R452	VRS-TQ2BD000J	J	0 1/8W Metal Oxide	AA
R453	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R454	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R455	VRS-CY1JF274J	J	270k 1/16W Metal Oxide	AA
R456	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R457	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R458	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R459	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R461	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R462	VRS-TW2ED680J	J	68 1/4W Metal Oxide	AA
R463	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R464	VRS-TW2ED680J	J	68 1/4W Metal Oxide	AA
R465	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA

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INPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R466	VRS-TW2ED680J	J	68 1/4W Metal Oxide	AA
R467	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R468	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R469	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R470	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R471	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R475	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R480	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R481	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R482	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R483	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R484	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R485	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R486	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R487	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R488	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R489	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R490	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R491	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R492	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R494	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R601	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R602	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R603	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R604	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R605	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R606	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R607	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R608	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R609	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R610	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R611	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R612	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R613	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R614	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R615	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R616	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R617	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R618	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R619	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R620	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R621	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R622	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R651	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R652	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R653	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R657	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R658	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1401	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1402	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1408	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1409	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1411	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1413	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1414	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1415	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1416	VRS-TX2HF331J	J	330 1/2W Metal Oxide	AB
R1417	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1418	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R1419	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1420	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1421	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1422	VRS-TX2HF331J	J	330 1/2W Metal Oxide	AB
R1423	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1424	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1425	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R1426	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R1427	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R1429	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1431	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1433	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1435	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1437	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1439	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1441	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1442	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1443	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1444	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1445	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1446	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1448	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R1449	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1450	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R1451	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1452	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R1453	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1455	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1456	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1457	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1458	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1459	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1460	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1461	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1497	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R1498	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R3001	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3002	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3003	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3004	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3005	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3006	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3007	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3008	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3009	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3010	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3011	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3051	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3052	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3053	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3054	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3055	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3120	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3121	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R3122	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3123	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R3124	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3126	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA
R3130	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3131	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R3132	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3133	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R3134	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3136	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA
R3140	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3141	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3142	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R3143	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3144	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R3145	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3146	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA
R3151	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R3152	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R3153	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R3161	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3162	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3163	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3164	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3165	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3166	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3167	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R3168	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R3170	VRS-CY1JF183J	J	18k 1/16W Metal Oxide	AA
R3171	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3172	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R3173	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R3174	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3175	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3176	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA

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INPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R3177	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3178	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA
R3179	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R3180	VRS-CY1JF183J	J	18k 1/16W Metal Oxide	AA
R3181	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3182	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R3183	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R3184	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3185	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3186	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R3187	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3188	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA
R3189	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R3201	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3202	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3203	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3204	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3205	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3206	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3208	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R3209	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R3210	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R3211	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R3212	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R3213	VRS-TV1JD6R8J	J	6.8 1/16W Metal Oxide	AA
R3307	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3308	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3317	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3323	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3324	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3331	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R3332	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R3333	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R3351	VRS-TW2ED680J	J	68 1/4W Metal Oxide	AA
R3352	VRS-TW2ED680J	J	68 1/4W Metal Oxide	AA
R3353	VRS-TW2ED680J	J	68 1/4W Metal Oxide	AA
R3354	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3358	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3359	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3360	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3362	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3401	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3402	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3403	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3404	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3405	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3406	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3407	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3408	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3555	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB401	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB402	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB403	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB404	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB405	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB406	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB601	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB602	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB603	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB604	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB605	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB606	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB607	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB608	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB609	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB610	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB611	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3001	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3002	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3003	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3004	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3005	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3051	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3052	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3351	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3352	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3353	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3354	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB3355	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB3401	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3402	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3403	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3404	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3405	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3406	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3407	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3408	RBLN-0060TAZZ	J	Ferrite Bead	AB
J401	QSOCD0403GEZZ	J	S-Video IN-1	AE
J402	QTANZ0380CEZZ	J	Component Video IN-1	AL
J403	QJAKF0062CEZZ	J	Jack Audio IN-1	AG
J404	QSOCD0403GEZZ	J	S-Video IN-2	AE
J405	QTANZ0380CEZZ	J	Component Video IN-2	AL
J406	QJAKF0062CEZZ	J	Jack Audio IN-2	AG
J407	QSOCD0403GEZZ	J	S-Video Out	AE
J408	QTANZ0380CEZZ	J	Component Video Out	AL
J409	QJAKF0062CEZZ	J	Jack Audio Out	AG
J601	QJAKF0062CEZZ	J	Audio IN for RGB1	AG
J602	QJAKF0062CEZZ	J	Audio IN for RGB2	AG
J603	QJAKF0062CEZZ	J	Audio IN for RGB3	AG
J604	QJAKF0062CEZZ	J	Audio Out for RGB	AG
J605	QJAKJ0007TAZZ	J	Jack Wired R/C	AC
J3051	QTANZ0632CEZZ	J	5-BNC Terminal RGB IN	AR
P401	QCNCW4021CEZZ	J	Plug, 40-pin (VI)	AL
P3001	QCNCW4021CEZZ	J	Plug ,40-pin (PI)	AL
SC3011	QSOCN0448FJZZ	J	Socket, 15-pin RGB IN	AM
SC3351	QSOCN0344FJZZ	J	Socket, 15-pin RGB IN	AM
SC3401	QSOCN0345FJZZ	J	Socket, 9-pin	AM
SC3402	QSOCN0345FJZZ	J	Socket, 9-pin	AM
	PSLDM4549CEFW	J	Shield	AR
	QEARP0091CEFN	J	Earth Plate	AE
	QEARP0093CEFN	J	Earth Plate	AE
	QEARP0100CEFW	J	Earth Plate	AK

RUNTK0668CEZZ
INLET UNIT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1701	9FJ0Q02001725	J	2SC4409	AE
Q1702	9FJ0Q00001345	J	2SA1972	
Q1703	9FJ0Q02001755	J	2SC5122	
Q1704	9FJ0Q02001765	J	2SC4678	
Q1705	9FJ0Q09001275	J	RN1407T	

DIODES

Ref. No.	Part No.	★	Description	Code
D1701	9FJ0D01010155	J	Diode, EK06V0	
D1702	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D1703	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D1704	9FJ0D00001005	J	Diode, 1SS119T	AB
D1705	9FJ0D00001005	J	Diode, 1SS119T	AB
ZD1701	9FJ0D31101005	J	Zener Diode, RD5.6JSAB2TA	
ZD1702	9FJ0D31110115	J	Zener Diode, RD33JSAB2TA	
ZD1703	9FJ0D31110115	J	Zener Diode, RD33JSAB2TA	
ZD1704	9FJ0D31110115	J	Zener Diode, RD33JSAB2TA	
ZD1705	9FJ0D31110105	J	Zener Diode, RD20JSAB2TA	
ZD1706	9FJ0D31110115	J	Zener Diode, RD33JSAB2TA	
ZD1707	9FJ0D31110115	J	Zener Diode, RD33JSAB2TA	
ZD1708	9FJ0D31110115	J	Zener Diode, RD33JSAB2TA	
TNR1071	9FJ0F20001280	J	Varistor, ENE471D10A	AD

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
⚠ PC1701	9FJ0F10010931	J	Photo Coupler, TLP721FD4GR	AG

COIL AND TRANSFORMER

Ref. No.	Part No.	★	Description	Code
⚠ T1701	9FJ0L04001140	J	CS4-19818-5	
⚠ L1701	9FJ0L05001470	J	1062-10332B	

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C1701	9FJ0C01402275	J	10 35V Electrolytic	
C1703	9FJ0C01901080	J	3.3 400V Electrolytic	
⚠ C1704	9FJ0C34010663	J	0.47 AC250V M.Polyester	AK
⚠ C1705	9FJ0C34010663	J	0.47 AC250V M.Polyester	AK
⚠ C1706	9FJ0C51001223	J	1000p 4kV Ceramic	AD
⚠ C1707	9FJ0C51001223	J	1000p 4kV Ceramic	AD
C1708	9FJ0C01510135	J	10 50V Electrolytic	
C1709	9FJ0C50002015	J	0.01 50V Ceramic	AB
C1710	9FJ0C50004405	J	0.1 50V Ceramic (Chip)	

RESISTORS

Ref. No.	Part No.	★	Description	Code
R1701	9FJ0R94201245	J	1k 1/2W Chip	
R1703	9FJ0R94201345	J	6.8k 1/10W Chip	
R1704	9FJ0R89201915	J	0.22 1W Metal Film	
R1705	9FJ0R91201365	J	10k 1/10W Chip	AB
R1706	9FJ0R94201545	J	330k 1/2W Chip	
R1707	9FJ0R94201545	J	330k 1/2W Chip	
R1708	9FJ0R94201545	J	330k 1/2W Chip	
R1711	9FJ0R91201365	J	10k 1/10W Chip	AB
⚠ R1712	9FJ0R11002110	J	470k 1/2W Special	AC
R1715	9FJ0R94201565	J	470k 1/2W Chip	
R1716	9FJ0R94201565	J	470k 1/2W Chip	
R1717	9FJ0R91201515	J	180k 1/10W Chip	

SWITCH

Ref. No.	Part No.	★	Description	Code
⚠ SW1701	9FJ0H00001120	J	AC Switch, JW-L21RKK-V7D	

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ RL1701	9FJ0H11001100	J	Relay, VS100M-NR	
⚠ F1701	9FJ0E02101030	J	Fuse, CES14-10AN1	
⚠ F1702	9FJ0E02110060	J	Fuse, 215001	
	9FJ0G10011540	J	Connector, B02BVT (PE)	AE
	9FJ0O01010170	J	Heat Sink, BPUH23-35	
	9FJ0I10008120	J	Harness, X44EC (EC)	
	9FJ0I10008130	J	Harness, X44PA (PA)	
⚠	9FJ0G10004520	J	AC Inlet, NC174-10N-D	
	9FJ0I10008140	J	Harness, X44PE (PE2)	

RDENC0303CEZZ
POWER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
⚠ IC701	9FJ0F01901340	J	AN8027	AQ
IC702	9FJ0F01102285	J	UPC1093TE	AG
IC704	9FJ0F01102340	J	PQ1CF1	AS
IC705	9FJ0F01102365	J	UPC1944T	AH
IC706	9FJ0F01010000	J	UPC358C	
⚠ IC1731	9FJ0F01901385	J	FA5332M-TE1	AU

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
⚠ Q701	9FJ0Q11010700	J	FS5KM18A	
Q702	9FJ0Q02001725	J	2SC4409	AE
Q703	9FJ0Q00001310	J	2SA1931	AH
Q704	9FJ0Q02001195	J	2SC2712YT	AC
Q705	9FJ0Q09001041	J	RN1401T	AC
Q706	9FJ0Q09001041	J	RN1401T	AC
Q708	9FJ0Q09001041	J	RN1401T	AC
Q1731	9FJ0Q11001592	J	2SK2837	AU
Q1732	9FJ0Q11001592	J	2SK2837	AU
Q1733	9FJ0Q11001592	J	2SK2837	AU
Q1734	9FJ0Q02001725	J	2SC4409	AE
Q1735	9FJ0Q00001355	J	2SA1681	
Q1736	9FJ0Q02001760	J	2SC4980	

DIODES

Ref. No.	Part No.	★	Description	Code
D701	9FJ0D01000360	J	Diode, RG1C	AD
D702	9FJ0D01010105	J	Diode, 1DL42ATP	AE
D703	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D704	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D705	9FJ0D00001005	J	Diode, 1SS119T	AB
D706	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D707	9FJ0D00001005	J	Diode, 1SS119T	AB
D708	9FJ0D00001005	J	Diode, 1SS119T	AB
D709	9FJ0D23010022	J	Diode, FMX12S	AH
D710	9FJ0D24001200	J	Diode, FMBG16L	AH
D711	9FJ0D24010102	J	Diode, FMX22S	
D712	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D714	9FJ0D04001030	J	Diode, FMBG14L	AH
D717	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D1731	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D1732	9FJ0D01010085	J	Diode, AL01ZVO	AD
D1733	9FJ0D01010085	J	Diode, AL01ZVO	AD
D1734	9FJ0D01010035	J	Diode, TVR5JTPA	AC
D1735	9FJ0D02001300	J	Diode, D1FL20U	
D1736	9FJ0D02001300	J	Diode, D1FL20U	
D1737	9FJ0D02001300	J	Diode, D1FL20U	
D1738	9FJ0D24001240	J	Diode, SF10L60U	
⚠ DB1731	9FJ0D15001020	J	Bridge Diode, D25XB60	
ZD701	9FJ0D31181695	J	Zener Diode, RD24JSAB2TA	AC
ZD702	9FJ0D31181675	J	Zener Diode, RD18JSAB2TA	AC
ZD705	9FJ0D31181605	J	Zener Diode, RD4.7JSAB2TA	
ZD1731	9FJ0D31181705	J	Zener Diode, RD27JSAB2TA	
ZD1732	9FJ0D31181695	J	Zener Diode, RD24JSAB2TA	AC

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
⚠ PC701	9FJ0F10010931	J	Photo Coupler TLP721FD4GR	AG

COILS AND TRANSFORMER

Ref. No.	Part No.	★	Description	Code
L701	9FJ0L08001445	J	Inductor, 5.6µH	AF
L702	9FJ0L08001890	J	Inductor, 3.3µH	
L703	9FJ0L08010225	J	Inductor, 2.2µH	
L704	9FJ0L08001660	J	Inductor, AFP10-60-080	AG
⚠ L1731	9FJ0L05001480	J	Trans. TC25T2028R0	
L1733	9FJ0L08001900	J	Inductor, 6011-05201	
L1734	9FJ0L08001910	J	Inductor, TSNW27T10161	
⚠ T701	9FJ0L00002160	J	Inverter Trans, 000216	

CONTROLS

Ref. No.	Part No.	★	Description	Code
VR701	9FJ0R60001255	J	EVNDXAA03B13	AE
VR704	9FJ0R60001245	J	EVNDXAA03B52	AE
VR705	9FJ0R60001245	J	EVNDXAA03B52	AE

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POWER UNIT (Continued)

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C701	9FJ0C50002910	J	4700p 500V Ceramic	AE
C702	9FJ0C50010715	J	220p 1kV Ceramic	AD
C703	9FJ0C50004415	J	0.022 50V Ceramic (Chip)	
C704	9FJ0C01510165	J	47 50V Electrolytic	AC
C705	9FJ0C01510145	J	22 50V Electrolytic	AC
C706	9FJ0C11001335	J	2200p 50V Polyester	AB
C707	9FJ0C01510115	J	2.2 50V Electrolytic	AC
C708	9FJ0C50003615	J	1500p 50V Ceramic	AB
C709	9FJ0C50010705	J	470p 1kV Ceramic	AD
C710	9FJ0C50002985	J	1000p 500V Ceramic	AD
C711	9FJ0C01410143	J	1000 35V Electrolytic	
C712	9FJ0C01510165	J	47 50V Electrolytic	AC
C713	9FJ0C50002985	J	1000p 500V Ceramic	AD
C714	9FJ0C01110053	J	1000 10V Electrolytic	
C715	9FJ0C01110053	J	1000 10V Electrolytic	
C716	9FJ0C50002015	J	0.01 50V Ceramic	AB
C717	9FJ0C01510165	J	47 50V Electrolytic	AC
C719	9FJ0C01410143	J	1000 35V Electrolytic	
C720	9FJ0C01410143	J	1000 35V Electrolytic	
C721	9FJ0C01510165	J	47 50V Electrolytic	AC
C724	9FJ0C50004405	J	0.1 50V Ceramic (Chip)	
C725	9FJ0C01102055	J	470 10V Electrolytic	
C726	9FJ0C50002015	J	0.01 50V Ceramic	AB
C727	9FJ0C01102055	J	470 10V Electrolytic	
C728	9FJ0C50002635	J	0.047 50V Ceramic	AC
⚠ C729	9FJ0C51001183	J	2200p 250V Ceramic	AD
C730	9FJ0C50002635	J	0.047 50V Ceramic	AC
C731	9FJ0C50003605	J	1000p 50V Ceramic	AB
C732	9FJ0C01102005	J	220 10V Electrolytic	AD
C733	9FJ0C01510185	J	220 50V Electrolytic	
⚠ C1731	9FJ0C34001735	J	0.1 250V M. Polyester	
C1733	9FJ0C32401015	J	0.47 400V M. Polyester	
C1734	9FJ0C32401130	J	2.2 450V M. Polyester	
C1735	9FJ0C32401130	J	2.2 450V M. Polyester	
C1736	9FJ0C01510135	J	10 50V Electrolytic	
C1737	9FJ0C01510135	J	10 50V Electrolytic	
C1738	9FJ0C01510175	J	100 50V Electrolytic	
C1739	9FJ0C50004355	J	0.01 25V Ceramic (Chip)	
C1740	9FJ0C50011465	J	470p 50V Ceramic (Chip)	AC
C1741	9FJ0C50002035	J	0.1 50V Ceramic	AC
C1742	9FJ0C50004365	J	0.15 25V Ceramic (Chip)	AC
C1743	9FJ0C50004395	J	0.22 50V Ceramic (Chip)	AD
C1744	9FJ0C50004375	J	68p 50V Ceramic (Chip)	AC
C1745	9FJ0C50011465	J	470p 50V Ceramic (Chip)	AC
C1746	9FJ0C50002035	J	0.1 50V Ceramic	AC
C1747	9FJ0C50004365	J	0.15 25V Ceramic (Chip)	AC
C1748	9FJ0C01510165	J	47 50V Electrolytic	AC
C1749	9FJ0C50010425	J	220p 1kV Ceramic	
C1750	9FJ0C02801653	J	270 450V Electrolytic	
C1751	9FJ0C51001223	J	1000p 4kV Ceramic	AD
⚠ C1752	9FJ0C51001223	J	1000p 4kV Ceramic	AD
C1754	9FJ0C50002910	J	4700p 500V Ceramic	AE
C1756	9FJ0C50010425	J	220p 1kV Ceramic	
C1758	9FJ0C50003635	J	100p 1kV Ceramic	

RESISTORS

Ref. No.	Part No.	★	Description	Code
R701	9FJ0R95201125	J	150k 1W Chip	
R702	9FJ0R95201125	J	150k 1W Chip	
R703	9FJ0R15080575	J	22 1/2W Metal Oxide	AB
R704	9FJ0R15080735	J	100 1/2W Metal Oxide	AB
R705	9FJ0R17071311	J	27k 2W Metal Oxide	
R706	9FJ0R21001040	J	0.15 3W Cement	AF
R707	9FJ0R91201235	J	820 1/10W Chip	AB
R708	9FJ0R91201365	J	10k 1/10W Chip	AB
R709	9FJ0R94201725	J	51k 1/2W Chip	
R710	9FJ0R91201245	J	1.0k 1/10W Chip	AB
R711	9FJ0R91201225	J	680 1/10W Chip	AB
R712	9FJ0R91201285	J	2.2k 1/10W Chip	AB
R713	9FJ0R91201335	J	5.6k 1/10W Chip	AB
R714	9FJ0R91201305	J	3.3k 1/10W Chip	AB
R715	9FJ0R91201325	J	4.7k 1/10W Chip	AB
R716	9FJ0R91201365	J	10k 1/10W Chip	AB
R717	9FJ0R91201135	J	120 1/10W Chip	AB
R718	9FJ0R94201105	J	68 1/2W Chip	AC
R719	9FJ0R91201245	J	1.0k 1/10W Chip	AB
R720	9FJ0R91201005	J	10 1/10W Chip	AB
R721	9FJ0R91201245	J	1.0k 1/10W Chip	AB
R722	9FJ0R91201445	J	47k 1/10W Chip	AB
R723	9FJ0R91201205	J	470 1/10W Chip	AB
R725	9FJ0R91201365	J	10k 1/10W Chip	AB
R726	9FJ0R17071311	J	27k 2W Metal Oxide	
⚠ R727	9FJ0R89201935	J	0.22 2W Metal Film	
R728	9FJ0R91201435	J	39k 1/10W Chip	AB
R729	9FJ0R91201325	J	4.7k 1/10W Chip	AB
R730	9FJ0R91201205	J	470 1/10W Chip	AB
R731	9FJ0R91201165	J	220 1/10W Chip	AB
R732	9FJ0R91201205	J	470 1/10W Chip	AB
R736	9FJ0R17071311	J	27k 2W Metal Oxide	
R738	9FJ0R89201925	J	8.2 1W Metal Film	
R739	9FJ0R91201505	J	150k 1/10W Chip	
R740	9FJ0R16081545	J	3.9k 1W Metal Oxide	
R741	9FJ0R16081055	J	2.2k 1W Metal Oxide	AB
⚠ R1731	9FJ0R11002110	J	470k 1W Special	AC
⚠ R1732	9FJ0R70010120	J	5.1 5W Cement	
⚠ R1733	9FJ0R22107530	J	4.7 5W Cement	
R1734	9FJ0R91501055	J	330k 1/10W Chip	AB
R1735	9FJ0R91501055	J	330k 1/10W Chip	AB
R1736	9FJ0R91501055	J	330k 1/10W Chip	AB
R1737	9FJ0R91501055	J	330k 1/10W Chip	AB
R1738	9FJ0R91501015	J	7.5k 1/10W Chip	AB
R1739	9FJ0R17071251	J	15k 2W Metal Oxide	AD
R1740	9FJ0R17071251	J	15k 2W Metal Oxide	AD
R1744	9FJ0R02103395	J	4.7k 0.5W Carbon	
R1745	9FJ0R91201485	J	100k 1/10W Chip	AB
R1746	9FJ0R91501075	J	18k 1/10W Chip	
R1748	9FJ0R91201365	J	10k 1/10W Chip	AB
R1749	9FJ0R91201585	J	680k 1/10W Chip	
R1750	9FJ0R91201365	J	10k 1/10W Chip	AB
R1751	9FJ0R91201425	J	33k 1/10W Chip	AB
R1752	9FJ0R94201125	J	100 1/2W Chip	AB
R1753	9FJ0R95201135	J	10 1W Chip	
R1754	9FJ0R95201135	J	10 1W Chip	
R1755	9FJ0R95201135	J	10 1W Chip	
R1756	9FJ0R91201385	J	15k 1/10W Chip	
R1757	9FJ0R91201385	J	15k 1/10W Chip	
R1758	9FJ0R91201385	J	15k 1/10W Chip	
R1759	9FJ0R22001430	J	0.1 5W Cement	
R1760	9FJ0R22001430	J	0.1 5W Cement	
R1761	9FJ0R91201055	J	27 1/10W Chip	AB
R1763	9FJ0R91501055	J	330k 1/10W Chip	AB
R1764	9FJ0R91501055	J	330k 1/10W Chip	AB
R1765	9FJ0R91501055	J	330k 1/10W Chip	AB
R1766	9FJ0R91501055	J	330k 1/10W Chip	AB
R1767	9FJ0R91501005	J	5.6k 1/10W Chip	AB
R1768	9FJ0R91501085	J	220k 1/10W Chip	
R1769	9FJ0R91501055	J	330k 1/10W Chip	AB
R1770	9FJ0R91501055	J	330k 1/10W Chip	AB
R1771	9FJ0R91501055	J	330k 1/10W Chip	AB
R1772	9FJ0R91501055	J	330k 1/10W Chip	AB
R1773	9FJ0R91501005	J	5.6k 1/10W Chip	AB
R1774	9FJ0R91501095	J	100k 1/10W Chip	
⚠ R1775	9FJ0R32001005	J	15M 1W Metal Glaze	AE
R1776	9FJ0R17070491	J	10 2W Metal Oxide	AC
R1778	9FJ0R22001430	J	0.1 5W Cement	
RT701	9FJ0R90010110	J	Thermistor, 103AT2	

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
B701	9FJ0L08001025	J	Inductor, B-01-AT	AC
B1731	9FJ0L08010030	J	MEC Bead, B-2AW	
B1732	9FJ0L08010030	J	MEC Bead, B-2AW	
⚠ TF701	9FJ0E03001080	J	Fuse 2A 250V, P100A	AE
TF1731	9FJ0E03001080	J	Fuse 2A 250V, P100A	AE
⚠ RL1702	9FJ0H11501360	J	Relay, VS5M-NR	
	9FJ0O01001760	J	Heat Sink	
	9FJ0O01001770	J	Heat Sink	

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POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
	9FJ0I10008190	J	Harness X44EA(EA)	
	9FJ0I10008180	J	Harness X44BB(BB)	
	9FJ0I10008170	J	Harness X44PL(PL1)	
	9FJ0I10008170	J	Harness X44PL(PL2)	

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PC I/F UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8001	RH-iX3270CEZZ	J	HD6417709	BH
IC8002	9DK001-15061	J	PST600IM	AL
IC8003	9DK001-11020	J	AT24C128N-10SC-1.8	AS
IC8004	9DK001-15076	J	CXA3516R	BR
IC8007	9DK001-15038	J	PQ05TZ11	AR
IC8008	9DK001-15071	J	PQ20VZ11	AL
IC8010	9DK001-15078	J	PST9017N	
IC8011	9DK001-11023	J	24LC21A	
IC8019	9DK001-15060	J	PST623XW	AP
IC8021	9DK001-16064	J	MB88346BPFV	
IC8022	9DK001-12084	J	74VHCT244ASJ	
IC8024	9DK001-15053	J	TL431CPS	AL
IC8027	RH-iX3446CEZZQ	J	LH28F320S3NS-L11	
IC8028	9DK001-11017	J	MSM51V18165D-60TS-K	BB
IC8029	RH-iX3399CEN2	J	IX3399	
IC8050	9DK001-15065	J	CXD2309Q	BC
IC8051	9DK001-15065	J	CXD2309Q	BC
IC8052	9DK001-12055	J	TC7WH241FU	AN
IC8053	9DK001-12057	J	TC74LVX86FT	AM
IC8298	9DK001-15090	J	SIL151	
IC8299	9DK001-15072	J	M62320FP	AS
IC8302	9DK001-12068	J	SN74F153DB	AM
IC8306	9DK001-12070	J	HD74HCT125T	AL
IC8310	9DK001-15082	J	TLC5733A	
IC8316	9DK001-15053	J	TL431CPS	AL
IC8319	9DK001-11024	J	HY57V653220BTC-7	
IC8320	9DK001-11024	J	HY57V653220BTC-7	
IC8321	9DK001-11024	J	HY57V653220BTC-7	
IC8322	9DK001-11024	J	HY57V653220BTC-7	
IC8323	9DK001-15083	J	74VHC4066MTC	
IC8324	9DK001-15085	J	TK15420M	
IC8325	9DK001-12068	J	SN74F153DB	AM
IC8326	9DK001-15085	J	TK15420M	
IC8327	9DK001-15084	J	NJM4560M	
IC8328	9DK001-15054	J	TLC2933IPW	AX
IC8330	9DK001-15008	J	TL712CPS	AP
IC8331	9DK001-15008	J	TL712CPS	AP

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q8012	9DK001-20025	J	IMB3A	AE
Q8013	9DK001-20011	J	2SC2412KQ	AE
Q8015	9DK001-20012	J	2SA1037AKQ	AE
Q8016	9DK001-20012	J	2SA1037AKQ	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D8001	9DK001-30015	J	Diode MA157A	AE
D8002	9DK001-30015	J	Diode MA157A	AE
D8009	9DK001-30018	J	Diode 1SS187	AD
D8010	9DK001-30015	J	Diode MA157A	AE
D8011	9DK001-30015	J	Diode MA157A	AE
D8012	9DK001-30015	J	Diode MA157A	AE
D8013	9DK001-30015	J	Diode MA157A	AE
D8014	9DK001-30015	J	Diode MA157A	AE
D8015	9DK001-30015	J	Diode MA157A	AE
D8016	9DK001-30015	J	Diode MA157A	AE
D8017	9DK001-30015	J	Diode MA157A	AE
D8018	9DK001-30015	J	Diode MA157A	AE
D8019	9DK001-30015	J	Diode MA157A	AE
D8020	9DK001-30018	J	Diode 1SS187	AD
D8021	9DK001-30015	J	Diode MA157A	AE
D8022	9DK001-30015	J	Diode MA157A	AE
D8023	9DK001-30015	J	Diode MA157A	AE
D8024	9DK001-30015	J	Diode MA157A	AE
D8025	9DK001-30015	J	Diode MA157A	AE
D8026	9DK001-30015	J	Diode MA157A	AE
D8027	9DK001-30015	J	Diode MA157A	AE
D8028	9DK001-30018	J	Diode 1SS187	AD
D8029	9DK001-30018	J	Diode 1SS187	AD

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PC I/F UNIT (Continued)

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X8001	9DK001-80012	J	Crystal,6MHz	AN
X8003	9DK001-80011	J	Crystal,1.8432MHz	AS
X8004	9DK001-80018	J	Crystal,25MHz	

FILTERS

Ref. No.	Part No.	★	Description	Code
FL8005	9DK001-81020	J	Filter, BMK351	AG
FL8006	9DK001-81020	J	Filter, BMK351	AG
FL8010	9DK001-81020	J	Filter, BMK351	AG
FL8020	9DK001-81020	J	Filter, BMK351	AG
FL8021	9DK001-81020	J	Filter, BMK351	AG
FL8022	9DK001-81020	J	Filter, BMK351	AG
FL8023	9DK001-81020	J	Filter, BMK351	AG
FL8029	9DK001-81020	J	Filter, BMK351	AG
FL8030	9DK001-81020	J	Filter, BMK351	AG
FL8031	9DK001-81020	J	Filter, BMK351	AG
FL8032	9DK001-81020	J	Filter, BMK351	AG
FL8039	9DK001-81020	J	Filter, BMK351	AG
FL8040	9DK001-81020	J	Filter, BMK351	AG
FL8041	9DK001-81020	J	Filter, BMK351	AG
FL8055	9DK001-81020	J	Filter, BMK351	AG
FL8056	9DK001-81020	J	Filter, BMK351	AG
FL8076	9DK001-81020	J	Filter, BMK351	AG
FL8077	9DK001-81020	J	Filter, BMK351	AG
FL8078	9DK001-81020	J	Filter, BMK351	AG
FL8079	9DK001-81020	J	Filter, BMK351	AG
FL8094	9DK001-81020	J	Filter, BMK351	AG
FL8095	9DK001-81020	J	Filter, BMK351	AG
FL8096	9DK001-81020	J	Filter, BMK351	AG
FL8097	9DK001-81020	J	Filter, BMK351	AG
FL8100	9DK001-81020	J	Filter, BMK351	AG
FL8101	9DK001-81020	J	Filter, BMK351	AG
FL8103	9DK001-81020	J	Filter, BMK351	AG
FL8107	9DK001-81027	J	Filter, NFM51R20P207	
FL8108	9DK001-81027	J	Filter, NFM51R20P207	
FL8109	9DK001-81027	J	Filter, NFM51R20P207	

COILS

Ref. No.	Part No.	★	Description	Code
L8001	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8002	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8003	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8004	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8007	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8008	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8009	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8010	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8014	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8022	9DK001-81052	J	Coil, 3.3μH NLC322522T-3R3M	AG
L8023	9DK001-81059	J	Coil, 1.0μH NLC322522T-1R0M	
L8024	9DK001-81059	J	Coil, 1.0μH NLC322522T-1R0M	
L8025	9DK001-81059	J	Coil, 1.0μH NLC322522T-1R0M	
L8026	9DK001-81059	J	Coil, 1.0μH NLC322522T-1R0M	
L8027	9DK001-81059	J	Coil, 1.0μH NLC322522T-1R0M	
L8028	9DK001-81059	J	Coil, 1.0μH NLC322522T-1R0M	

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C8001	9DK001-42094	J	0.1	25V	Ceramic	AC
C8002	9DK001-42094	J	0.1	25V	Ceramic	AC
C8004	9DK001-42094	J	0.1	25V	Ceramic	AC
C8005	9DK001-42094	J	0.1	25V	Ceramic	AC
C8006	9DK001-42096	J	0.01	50V	Ceramic	AC
C8007	9DK001-42096	J	0.01	50V	Ceramic	AC
C8008	9DK001-42096	J	0.01	50V	Ceramic	AC
C8009	9DK001-42096	J	0.01	50V	Ceramic	AC
C8012	9DK001-42103	J	15p	50V	Ceramic	AC
C8013	9DK001-42103	J	15p	50V	Ceramic	AC
C8014	9DK001-42096	J	0.01	50V	Ceramic	AC
C8017	9DK001-42096	J	0.01	50V	Ceramic	AC
C8018	9DK001-42096	J	0.01	50V	Ceramic	AC
C8019	9DK001-42104	J	470p	50V	Ceramic	AC
C8020	9DK001-42104	J	470p	50V	Ceramic	AC
C8021	9DK001-42096	J	0.01	50V	Ceramic	AC
C8022	9DK001-42096	J	0.01	50V	Ceramic	AC
C8023	9DK001-42096	J	0.01	50V	Ceramic	AC
C8024	9DK001-40077	J	10	16V	Electolytic	AF
C8025	9DK001-42096	J	0.01	50V	Ceramic	AC
C8026	9DK001-42096	J	0.01	50V	Ceramic	AC
C8027	9DK001-42096	J	0.01	50V	Ceramic	AC
C8028	9DK001-42096	J	0.01	50V	Ceramic	AC
C8029	9DK001-42096	J	0.01	50V	Ceramic	AC
C8030	9DK001-42105	J	0.047	50V	Ceramic	AC
C8031	9DK001-42094	J	0.1	25V	Ceramic	AC
C8032	9DK001-42094	J	0.1	25V	Ceramic	AC
C8033	9DK001-42094	J	0.1	25V	Ceramic	AC
C8034	9DK001-42096	J	0.01	50V	Ceramic	AC
C8035	9DK001-42096	J	0.01	50V	Ceramic	AC
C8036	9DK001-42096	J	0.01	50V	Ceramic	AC
C8037	9DK001-42096	J	0.01	50V	Ceramic	AC
C8038	9DK001-42096	J	0.01	50V	Ceramic	AC
C8042	9DK001-42096	J	0.01	50V	Ceramic	AC
C8043	9DK001-42096	J	0.01	50V	Ceramic	AC
C8051	9DK001-42096	J	0.01	50V	Ceramic	AC
C8052	9DK001-42096	J	0.01	50V	Ceramic	AC
C8053	9DK001-42096	J	0.01	50V	Ceramic	AC
C8062	9DK001-42094	J	0.1	25V	Ceramic	AC
C8069	9DK001-40079	J	47	16V	Electolytic	AG
C8070	9DK001-42094	J	0.1	25V	Ceramic	AC
C8078	9DK001-42094	J	0.1	25V	Ceramic	AC
C8079	9DK001-40089	J	47	6.3V	Electolytic	AE
C8080	9DK001-40079	J	47	16V	Electolytic	AG
C8081	9DK001-42096	J	0.01	50V	Ceramic	AC
C8082	9DK001-42096	J	0.01	50V	Ceramic	AC
C8083	9DK001-42096	J	0.01	50V	Ceramic	AC
C8084	9DK001-40089	J	47	6.3V	Electolytic	AE
C8091	9DK001-42094	J	0.1	25V	Ceramic	AC
C8092	9DK001-40089	J	47	6.3V	Electolytic	AE
C8093	9DK001-42094	J	0.1	25V	Ceramic	AC
C8095	9DK001-42096	J	0.01	50V	Ceramic	AC
C8096	9DK001-40089	J	47	6.3V	Electolytic	AE
C8110	9DK001-42094	J	0.1	25V	Ceramic	AC
C8111	9DK001-42094	J	0.1	25V	Ceramic	AC
C8112	9DK001-42094	J	0.1	25V	Ceramic	AC
C8113	9DK001-42111	J	1	10V	Ceramic	AB
C8114	9DK001-42094	J	0.1	25V	Ceramic	AC
C8115	9DK001-42094	J	0.1	25V	Ceramic	AC
C8116	9DK001-42094	J	0.1	25V	Ceramic	AC
C8117	9DK001-42094	J	0.1	25V	Ceramic	AC
C8118	9DK001-42094	J	0.1	25V	Ceramic	AC
C8119	9DK001-42094	J	0.1	25V	Ceramic	AC
C8120	9DK001-42094	J	0.1	25V	Ceramic	AC
C8121	9DK001-42094	J	0.1	25V	Ceramic	AC
C8122	9DK001-42111	J	1	10V	Ceramic	AB
C8123	9DK001-42094	J	0.1	25V	Ceramic	AC
C8124	9DK001-42094	J	0.1	25V	Ceramic	AC
C8125	9DK001-42094	J	0.1	25V	Ceramic	AC
C8126	9DK001-42094	J	0.1	25V	Ceramic	AC
C8127	9DK001-42099	J	100p	50V	Ceramic	AC
C8128	9DK001-42125	J	0.068	16V	Film	AM
C8130	9DK001-42099	J	100p	50V	Ceramic	AC
C8131	9DK001-42094	J	0.1	25V	Ceramic	AC
C8132	9DK001-42094	J	0.1	25V	Ceramic	AC
C8133	9DK001-42094	J	0.1	25V	Ceramic	AC
C8134	9DK001-42094	J	0.1	25V	Ceramic	AC
C8135	9DK001-42094	J	0.1	25V	Ceramic	AC
C8136	9DK001-42094	J	0.1	25V	Ceramic	AC
C8137	9DK001-42094	J	0.1	25V	Ceramic	AC
C8138	9DK001-42094	J	0.1	25V	Ceramic	AC
C8141	9DK001-42094	J	0.1	25V	Ceramic	AC
C8143	9DK001-42096	J	0.01	50V	Ceramic	AC
C8144	9DK001-40089	J	47	6.3V	Electolytic	AE
C8145	9DK001-42096	J	0.01	50V	Ceramic	AC
C8146	9DK001-40089	J	47	6.3V	Electolytic	AE
C8147	9DK001-42096	J	0.01	50V	Ceramic	AC
C8148	9DK001-40089	J	47	6.3V	Electolytic	AE
C8149	9DK001-42096	J	0.01	50V	Ceramic	AC
C8169	9DK001-42094	J	0.1	25V	Ceramic	AC
C8170	9DK001-42094	J	0.1	25V	Ceramic	AC

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C8178	9DK001-42094	J	0.1 25V Ceramic	AC
C8181	9DK001-42094	J	0.1 25V Ceramic	AC
C8192	9DK001-42094	J	0.1 25V Ceramic	AC
C8197	9DK001-42094	J	0.1 25V Ceramic	AC
C8202	9DK001-42094	J	0.1 25V Ceramic	AC
C8205	9DK001-42094	J	0.1 25V Ceramic	AC
C8214	9DK001-42094	J	0.1 25V Ceramic	AC
C8218	9DK001-42094	J	0.1 25V Ceramic	AC
C8219	9DK001-42094	J	0.1 25V Ceramic	AC
C8252	9DK001-40080	J	100 6.3V Electolytic	AF
C8253	9DK001-42094	J	0.1 25V Ceramic	AC
C8255	9DK001-40092	J	220 4V Electolytic	AF
C8256	9DK001-42094	J	0.1 25V Ceramic	AC
C8257	9DK001-40080	J	100 6.3V Electolytic	AF
C8258	9DK001-42094	J	0.1 25V Ceramic	AC
C8269	9DK001-40079	J	47 16V Electolytic	AG
C8270	9DK001-42094	J	0.1 25V Ceramic	AC
C8336	9DK001-42096	J	0.01 50V Ceramic	AC
C8337	9DK001-40080	J	100 6.3V Electolytic	AF
C8339	9DK001-42096	J	0.01 50V Ceramic	AC
C8341	9DK001-42094	J	0.1 25V Ceramic	AC
C8342	9DK001-42111	J	1 10V Ceramic	AB
C8343	9DK001-42094	J	0.1 25V Ceramic	AC
C8344	9DK001-40089	J	47 6.3V Electolytic	AE
C8349	9DK001-42096	J	0.01 50V Ceramic	AC
C8350	9DK001-42096	J	0.01 50V Ceramic	AC
C8354	9DK001-42096	J	0.01 50V Ceramic	AC
C8361	9DK001-40089	J	47 6.3V Electolytic	AE
C8366	9DK001-40091	J	100 4V Electolytic	AF
C8367	9DK001-40091	J	100 4V Electolytic	AF
C8374	9DK001-40080	J	100 6.3V Electolytic	AF
C8375	9DK001-40091	J	100 4V Electolytic	AF
C8376	9DK001-40080	J	100 6.3V Electolytic	AF
C8377	9DK001-42094	J	0.1 25V Ceramic	AC
C8425	9DK001-42096	J	0.01 50V Ceramic	AC
C8435	9DK001-40089	J	47 6.3V Electolytic	AE
C8436	9DK001-42094	J	0.1 25V Ceramic	AC
C8437	9DK001-42099	J	100p 50V Ceramic	AC
C8438	9DK001-42099	J	100p 50V Ceramic	AC
C8439	9DK001-42099	J	100p 50V Ceramic	AC
C8440	9DK001-42099	J	100p 50V Ceramic	AC
C8441	9DK001-40089	J	47 6.3V Electolytic	AE
C8442	9DK001-40074	J	1 50V Electolytic	AF
C8443	9DK001-42094	J	0.1 25V Ceramic	AC
C8444	9DK001-42099	J	100p 50V Ceramic	AC
C8445	9DK001-40089	J	47 6.3V Electolytic	AE
C8446	9DK001-42094	J	0.1 25V Ceramic	AC
C8447	9DK001-42094	J	0.1 25V Ceramic	AC
C8448	9DK001-42099	J	100p 50V Ceramic	AC
C8449	9DK001-42099	J	100p 50V Ceramic	AC
C8450	9DK001-42099	J	100p 50V Ceramic	AC
C8451	9DK001-42094	J	0.1 25V Ceramic	AC
C8452	9DK001-40089	J	47 6.3V Electolytic	AE
C8453	9DK001-42094	J	0.1 25V Ceramic	AC
C8454	9DK001-42094	J	0.1 25V Ceramic	AC
C8455	9DK001-42094	J	0.1 25V Ceramic	AC
C8456	9DK001-42094	J	0.1 25V Ceramic	AC
C8457	9DK001-42099	J	100p 50V Ceramic	AC
C8458	9DK001-42099	J	100p 50V Ceramic	AC
C8459	9DK001-42099	J	100p 50V Ceramic	AC
C8462	9DK001-42094	J	0.1 25V Ceramic	AC
C8465	9DK001-42099	J	100p 50V Ceramic	AC
C8468	9DK001-42099	J	100p 50V Ceramic	AC
C8470	9DK001-42096	J	0.01 50V Ceramic	AC
C8471	9DK001-42096	J	0.01 50V Ceramic	AC
C8472	9DK001-42096	J	0.01 50V Ceramic	AC
C8480	9DK001-42094	J	0.1 25V Ceramic	AC
C8484	9DK001-40089	J	47 6.3V Electolytic	AE
C8485	9DK001-42094	J	0.1 25V Ceramic	AC
C8499	9DK001-42094	J	0.1 25V Ceramic	AC
C8500	9DK001-42111	J	1 10V Ceramic	AB
C8501	9DK001-42094	J	0.1 25V Ceramic	AC
C8502	9DK001-42094	J	0.1 25V Ceramic	AC
C8529	9DK001-42096	J	0.01 50V Ceramic	AC
C8531	9DK001-40089	J	47 6.3V Electolytic	AE
C8532	9DK001-42096	J	0.01 50V Ceramic	AC
C8537	9DK001-40077	J	10 16V Electolytic	AF
C8538	9DK001-42094	J	0.1 25V Ceramic	AC
C8542	9DK001-40077	J	10 16V Electolytic	AF
C8543	9DK001-42094	J	0.1 25V Ceramic	AC
C8544	9DK001-42130	J	2200p 50V Ceramic	
C8545	9DK001-42130	J	2200p 50V Ceramic	
C8546	9DK001-42130	J	2200p 50V Ceramic	
C8550	9DK001-40077	J	10 16V Electolytic	AF
C8551	9DK001-42094	J	0.1 25V Ceramic	AC
C8552	9DK001-42094	J	0.1 25V Ceramic	AC
C8553	9DK001-42094	J	0.1 25V Ceramic	AC
C8554	9DK001-40077	J	10 16V Electolytic	AF
C8555	9DK001-42094	J	0.1 25V Ceramic	AC
C8556	9DK001-42094	J	0.1 25V Ceramic	AC
C8557	9DK001-42094	J	0.1 25V Ceramic	AC
C8558	9DK001-42094	J	0.1 25V Ceramic	AC
C8559	9DK001-42131	J	10 35V Ceramic	
C8560	9DK001-40089	J	47 6.3V Electolytic	AE
C8561	9DK001-42128	J	1000p 50V Ceramic	
C8562	9DK001-42094	J	0.1 25V Ceramic	AC
C8563	9DK001-42094	J	0.1 25V Ceramic	AC
C8564	9DK001-40089	J	47 6.3V Electolytic	AE
C8565	9DK001-42094	J	0.1 25V Ceramic	AC
C8566	9DK001-42124	J	680p 25V Ceramic	AC
C8569	9DK001-42099	J	100p 50V Ceramic	AC
C8570	9DK001-42111	J	1 10V Ceramic	AB
C8571	9DK001-42111	J	1 10V Ceramic	AB
C8573	9DK001-40089	J	47 6.3V Electolytic	AE
C8574	9DK001-40089	J	47 6.3V Electolytic	AE
C8575	9DK001-42096	J	0.01 50V Ceramic	AC
C8576	9DK001-42096	J	0.01 50V Ceramic	AC
C8577	9DK001-42096	J	0.01 50V Ceramic	AC
C8578	9DK001-42096	J	0.01 50V Ceramic	AC
C8579	9DK001-42096	J	0.01 50V Ceramic	AC
C8580	9DK001-42096	J	0.01 50V Ceramic	AC
C8581	9DK001-42096	J	0.01 50V Ceramic	AC
C8582	9DK001-42096	J	0.01 50V Ceramic	AC
C8583	9DK001-42096	J	0.01 50V Ceramic	AC
C8584	9DK001-42096	J	0.01 50V Ceramic	AC
C8585	9DK001-42096	J	0.01 50V Ceramic	AC
C8586	9DK001-42096	J	0.01 50V Ceramic	AC
C8587	9DK001-40089	J	47 6.3V Electolytic	AE
C8588	9DK001-40089	J	47 6.3V Electolytic	AE
C8589	9DK001-42096	J	0.01 50V Ceramic	AC
C8590	9DK001-42096	J	0.01 50V Ceramic	AC
C8591	9DK001-42096	J	0.01 50V Ceramic	AC
C8592	9DK001-42096	J	0.01 50V Ceramic	AC
C8593	9DK001-42096	J	0.01 50V Ceramic	AC
C8594	9DK001-42096	J	0.01 50V Ceramic	AC
C8595	9DK001-42096	J	0.01 50V Ceramic	AC
C8596	9DK001-42096	J	0.01 50V Ceramic	AC
C8597	9DK001-42096	J	0.01 50V Ceramic	AC
C8598	9DK001-42096	J	0.01 50V Ceramic	AC
C8599	9DK001-42096	J	0.01 50V Ceramic	AC
C8600	9DK001-42096	J	0.01 50V Ceramic	AC
C8601	9DK001-42094	J	0.1 25V Ceramic	AC
C8603	9DK001-42094	J	0.1 25V Ceramic	AC
C8605	9DK001-42094	J	0.1 25V Ceramic	AC
C8607	9DK001-42094	J	0.1 25V Ceramic	AC
C8609	9DK001-42094	J	0.1 25V Ceramic	AC
C8611	9DK001-42094	J	0.1 25V Ceramic	AC
C8613	9DK001-42094	J	0.1 25V Ceramic	AC
C8615	9DK001-42094	J	0.1 25V Ceramic	AC
C8617	9DK001-42094	J	0.1 25V Ceramic	AC
C8619	9DK001-42094	J	0.1 25V Ceramic	AC
C8621	9DK001-42094	J	0.1 25V Ceramic	AC
C8623	9DK001-42094	J	0.1 25V Ceramic	AC
C8625	9DK001-42094	J	0.1 25V Ceramic	AC
C8627	9DK001-42094	J	0.1 25V Ceramic	AC
C8629	9DK001-42094	J	0.1 25V Ceramic	AC
C8631	9DK001-42094	J	0.1 25V Ceramic	AC
C8633	9DK001-42094	J	0.1 25V Ceramic	AC

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C8635	9DK001-42094	J	0.1 25V Ceramic	AC
C8637	9DK001-42094	J	0.1 25V Ceramic	AC
C8638	9DK001-42094	J	0.1 25V Ceramic	AC
C8640	9DK001-42094	J	0.1 25V Ceramic	AC
C8641	9DK001-42094	J	0.1 25V Ceramic	AC
C8644	9DK001-42094	J	0.1 25V Ceramic	AC
C8645	9DK001-42094	J	0.1 25V Ceramic	AC
C8648	9DK001-42094	J	0.1 25V Ceramic	AC
C8649	9DK001-42094	J	0.1 25V Ceramic	AC
C8652	9DK001-42094	J	0.1 25V Ceramic	AC
C8654	9DK001-42094	J	0.1 25V Ceramic	AC
C8656	9DK001-42094	J	0.1 25V Ceramic	AC
C8658	9DK001-42094	J	0.1 25V Ceramic	AC
C8660	9DK001-42094	J	0.1 25V Ceramic	AC
C8662	9DK001-42094	J	0.1 25V Ceramic	AC
C8664	9DK001-42094	J	0.1 25V Ceramic	AC
C8666	9DK001-42096	J	0.01 50V Ceramic	AC
C8667	9DK001-42094	J	0.1 25V Ceramic	AC
C8668	9DK001-42094	J	0.1 25V Ceramic	AC
C8670	9DK001-42094	J	0.1 25V Ceramic	AC
C8672	9DK001-42094	J	0.1 25V Ceramic	AC
C8674	9DK001-42094	J	0.1 25V Ceramic	AC
C8676	9DK001-42094	J	0.1 25V Ceramic	AC
C8678	9DK001-42094	J	0.1 25V Ceramic	AC
C8680	9DK001-42094	J	0.1 25V Ceramic	AC
C8682	9DK001-42094	J	0.1 25V Ceramic	AC
C8684	9DK001-42094	J	0.1 25V Ceramic	AC
C8685	9DK001-42094	J	0.1 25V Ceramic	AC
C8686	9DK001-42094	J	0.1 25V Ceramic	AC
C8687	9DK001-42094	J	0.1 25V Ceramic	AC
C8688	9DK001-42094	J	0.1 25V Ceramic	AC
C8689	9DK001-42094	J	0.1 25V Ceramic	AC
C8692	9DK001-42096	J	0.01 50V Ceramic	AC
C8693	9DK001-40080	J	100 6.3V Electrolytic	AF
C8694	9DK001-40089	J	47 6.3V Electrolytic	AE
C8697	9DK001-42096	J	0.01 50V Ceramic	AC
C8698	9DK001-42111	J	1 10V Ceramic	AB
C8699	9DK001-40074	J	1 50V Electrolytic	AF
C8700	9DK001-42111	J	1 10V Ceramic	AB
C8701	9DK001-40074	J	1 50V Electrolytic	AF
C8702	9DK001-42111	J	1 10V Ceramic	AB
C8703	9DK001-40074	J	1 50V Electrolytic	AF
C8704	9DK001-42111	J	1 10V Ceramic	AB
C8705	9DK001-42145	J	0.1 16V Film	
C8706	9DK001-42096	J	0.01 50V Ceramic	AC
C8707	9DK001-42094	J	0.1 25V Ceramic	AC
C8708	9DK001-40090	J	47 4V Electrolytic	AF
C8709	9DK001-40078	J	22 16V Electrolytic	AF
C8710	9DK001-40078	J	22 16V Electrolytic	AF
C8711	9DK001-42096	J	0.01 50V Ceramic	AC
C8712	9DK001-42096	J	0.01 50V Ceramic	AC
C8715	9DK001-42096	J	0.01 50V Ceramic	AC
C8716	9DK001-42096	J	0.01 50V Ceramic	AC
C8717	9DK001-42096	J	0.01 50V Ceramic	AC
C8728	9DK001-42099	J	100p 50V Ceramic	AC
C8740	9DK001-42099	J	100p 50V Ceramic	AC
C8741	9DK001-40089	J	47 6.3V Electrolytic	AE
C8742	9DK001-40079	J	47 16V Electolytic	AG
C8743	9DK001-42094	J	0.1 25V Ceramic	AC
C8744	9DK001-42094	J	0.1 25V Ceramic	AC
C8745	9DK001-42094	J	0.1 25V Ceramic	AC
C8746	9DK001-42112	J	33p 50V Ceramic	AB
C8747	9DK001-42094	J	0.1 25V Ceramic	AC
C8748	9DK001-42094	J	0.1 25V Ceramic	AC
C8749	9DK001-42112	J	33p 50V Ceramic	AB
C8750	9DK001-42094	J	0.1 25V Ceramic	AC
C8752	9DK001-42113	J	4.7 10V Ceramic	AB
C8753	9DK001-42094	J	0.1 25V Ceramic	AC
C8755	9DK001-42094	J	0.1 25V Ceramic	AC
C8757	9DK001-42113	J	4.7 10V Ceramic	AB

RESISITORS

Ref. No.	Part No.	★	Description	Code
FL8001	9DK001-50110	J	0 1/10W Chip 2125	AB
FL8098	9DK001-50110	J	0 1/10W Chip 2125	AB
FL8099	9DK001-50110	J	0 1/10W Chip 2125	AB
FL8102	9DK001-50110	J	0 1/10W Chip 2125	AB
R8001	9DK001-51036	J	100 1/16W Resistor Array	AD
R8010	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8011	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8016	9DK001-50198	J	1.69k1/16W Chip 1608	AB
R8017	9DK001-50210	J	33K 1/16W Chip 1608	AA
R8018	9DK001-50199	J	2.15k1/16W Chip 1608	AB
R8019	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8020	9DK001-50113	J	0 1/4W Chip 3216	AB
R8022	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8023	9DK001-50113	J	0 1/4W Chip 3216	AB
R8024	9DK001-50113	J	0 1/4W Chip 3216	AB
R8027	9DK001-50209	J	27k 1/16W Chip 1608	AA
R8029	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8033	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8034	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8035	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8036	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8040	9DK001-50163	J	68 1/16W Chip 1608	AA
R8043	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8044	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8050	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8051	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8057	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8058	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8062	9DK001-51029	J	10 1/16W Resistor Array	AD
R8065	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8071	9DK001-50159	J	22 1/16W Chip 1608	AA
R8072	9DK001-50159	J	22 1/16W Chip 1608	AA
R8073	9DK001-50159	J	22 1/16W Chip 1608	AA
R8074	9DK001-50159	J	22 1/16W Chip 1608	AA
R8075	9DK001-50159	J	22 1/16W Chip 1608	AA
R8080	9DK001-50111	J	75 1/4W Chip 3216	AB
R8083	9DK001-50159	J	22 1/16W Chip 1608	AA
R8088	9DK001-50111	J	75 1/4W Chip 3216	AB
R8091	9DK001-50159	J	22 1/16W Chip 1608	AA
R8096	9DK001-50111	J	75 1/4W Chip 3216	AB
R8097	9DK001-50162	J	56 1/16W Chip 1608	AA
R8098	9DK001-50162	J	56 1/16W Chip 1608	AA
R8099	9DK001-50162	J	56 1/16W Chip 1608	AA
R8100	9DK001-50162	J	56 1/16W Chip 1608	AA
R8101	9DK001-50162	J	56 1/16W Chip 1608	AA
R8102	9DK001-50162	J	56 1/16W Chip 1608	AA
R8103	9DK001-50162	J	56 1/16W Chip 1608	AA
R8104	9DK001-50162	J	56 1/16W Chip 1608	AA
R8105	9DK001-50162	J	56 1/16W Chip 1608	AA
R8109	9DK001-50202	J	51 1/16W Chip 1608	AA
R8110	9DK001-50202	J	51 1/16W Chip 1608	AA
R8112	9DK001-50165	J	100 1/16W Chip 1608	AA
R8116	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8117	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8120	9DK001-50113	J	0 1/4W Chip 3216	AB
R8121	9DK001-50274	J	47 1/4W Chip 3216	
R8122	9DK001-50274	J	47 1/4W Chip 3216	
R8123	9DK001-50256	J	1.6k 1/16W Chip 1608	AB
R8124	9DK001-50237	J	1.0k 1/16W Chip 1608	AB
R8125	9DK001-50165	J	100 1/16W Chip 1608	AA
R8126	9DK001-50212	J	100k 1/16W Chip 1608	AA
R8128	9DK001-50150	J	10 1/16W Chip 3216	AA
R8130	9DK001-50210	J	33k 1/16W Chip 1608	AA
R8131	9DK001-50210	J	33k 1/16W Chip 1608	AA
R8132	9DK001-50155	J	3k 1/16W Chip 1608	AB
R8133	9DK001-50155	J	3k 1/16W Chip 1608	AB
R8138	9DK001-50149	J	0 1/16W Chip 1608	AB
R8140	9DK001-50149	J	0 1/16W Chip 1608	AB
R8143	9DK001-50176	J	820 1/16W Chip 1608	AA
R8144	9DK001-50176	J	820 1/16W Chip 1608	AA
R8145	9DK001-50176	J	820 1/16W Chip 1608	AA
R8267	9DK001-50162	J	56 1/16W Chip 1608	AA
R8268	9DK001-50162	J	56 1/16W Chip 1608	AA
R8269	9DK001-50162	J	56 1/16W Chip 1608	AA
R8270	9DK001-50162	J	56 1/16W Chip 1608	AA

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R8271	9DK001-50162	J	56 1/16W Chip 1608	AA
R8272	9DK001-50169	J	220 1/16W Chip 1608	AA
R8273	9DK001-50162	J	56 1/16W Chip 1608	AA
R8274	9DK001-50162	J	56 1/16W Chip 1608	AA
R8275	9DK001-50162	J	56 1/16W Chip 1608	AA
R8276	9DK001-50155	J	3k 1/16W Chip 1608	AB
R8277	9DK001-50162	J	56 1/16W Chip 1608	AA
R8278	9DK001-50162	J	56 1/16W Chip 1608	AA
R8279	9DK001-50162	J	56 1/16W Chip 1608	AA
R8280	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8281	9DK001-50222	J	1.3k 1/16W Chip 1608	AB
R8282	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8283	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8284	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8285	9DK001-50162	J	56 1/16W Chip 1608	AA
R8286	9DK001-50162	J	56 1/16W Chip 1608	AA
R8287	9DK001-50162	J	56 1/16W Chip 1608	AA
R8288	9DK001-50162	J	56 1/16W Chip 1608	AA
R8289	9DK001-50207	J	6.8k 1/16W Chip 1608	AA
R8290	9DK001-50162	J	56 1/16W Chip 1608	AA
R8291	9DK001-50162	J	56 1/16W Chip 1608	AA
R8292	9DK001-50162	J	56 1/16W Chip 1608	AA
R8293	9DK001-50162	J	56 1/16W Chip 1608	AA
R8294	9DK001-50162	J	56 1/16W Chip 1608	AA
R8295	9DK001-50162	J	56 1/16W Chip 1608	AA
R8296	9DK001-50162	J	56 1/16W Chip 1608	AA
R8297	9DK001-50162	J	56 1/16W Chip 1608	AA
R8299	9DK001-50162	J	56 1/16W Chip 1608	AA
R8302	9DK001-50178	J	1.2k 1/16W Chip 1608	AA
R8304	9DK001-50162	J	56 1/16W Chip 1608	AA
R8305	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8313	9DK001-50162	J	56 1/16W Chip 1608	AA
R8329	9DK001-50162	J	56 1/16W Chip 1608	AA
R8330	9DK001-50162	J	56 1/16W Chip 1608	AA
R8332	9DK001-50179	J	2.2k 1/16W Chip 1608	AA
R8340	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8343	9DK001-50159	J	22 1/16W Chip 1608	AA
R8362	9DK001-50162	J	56 1/16W Chip 1608	AA
R8365	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8366	9DK001-50162	J	56 1/16W Chip 1608	AA
R8368	9DK001-50162	J	56 1/16W Chip 1608	AA
R8387	9DK001-50162	J	56 1/16W Chip 1608	AA
R8395	9DK001-50178	J	1.2k 1/16W Chip 1608	AA
R8403	9DK001-50162	J	56 1/16W Chip 1608	AA
R8404	9DK001-50162	J	56 1/16W Chip 1608	AA
R8437	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8438	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8439	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8447	9DK001-50150	J	10 1/16W Chip 3216	AA
R8448	9DK001-50150	J	10 1/16W Chip 3216	AA
R8475	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8476	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8477	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8478	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8487	9DK001-50149	J	0 1/16W Chip 1608	AB
R8488	9DK001-50149	J	0 1/16W Chip 1608	AB
R8492	9DK001-50247	J	510 1/16W Chip 1608	AB
R8503	9DK001-50243	J	2.0k 1/16W Chip 1608	AA
R8516	9DK001-50179	J	2.2k 1/16W Chip 1608	AA
R8568	9DK001-50162	J	56 1/16W Chip 1608	AA
R8592	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8593	9DK001-50181	J	3.3k 1/16W Chip 1608	AA
R8594	9DK001-50162	J	56 1/16W Chip 1608	AA
R8595	9DK001-50162	J	56 1/16W Chip 1608	AA
R8596	9DK001-50150	J	10 1/16W Chip 3216	AA
R8597	9DK001-50162	J	56 1/16W Chip 1608	AA
R8598	9DK001-50162	J	56 1/16W Chip 1608	AA
R8599	9DK001-50162	J	56 1/16W Chip 1608	AA
R8600	9DK001-50162	J	56 1/16W Chip 1608	AA
R8601	9DK001-50162	J	56 1/16W Chip 1608	AA
R8602	9DK001-50162	J	56 1/16W Chip 1608	AA
R8636	9DK001-50150	J	10 1/16W Chip 3216	AA
R8637	9DK001-50150	J	10 1/16W Chip 3216	AA
R8638	9DK001-50150	J	10 1/16W Chip 3216	AA
R8639	9DK001-50150	J	10 1/16W Chip 3216	AA
R8640	9DK001-50150	J	10 1/16W Chip 3216	AA
R8641	9DK001-50150	J	10 1/16W Chip 3216	AA
R8642	9DK001-50150	J	10 1/16W Chip 3216	AA
R8643	9DK001-50150	J	10 1/16W Chip 3216	AA
R8646	9DK001-50186	J	22k 1/16W Chip 1608	AA
R8647	9DK001-50186	J	22k 1/16W Chip 1608	AA
R8648	9DK001-50165	J	100 1/16W Chip 1608	AA
R8649	9DK001-50165	J	100 1/16W Chip 1608	AA
R8650	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8651	9DK001-51037	J	6.8k 1/16W Resistor Array	
R8652	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8653	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8654	9DK001-50204	J	150 1/16W Chip 1608	AA
R8655	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8656	9DK001-50183	J	4.7k 1/16W Chip 1608	AA
R8664	9DK001-50259	J	15k 1/16W Chip 1608	AA
R8665	9DK001-50259	J	15k 1/16W Chip 1608	AA
R8671	9DK001-50259	J	15k 1/16W Chip 1608	AA
R8677	9DK001-50173	J	470 1/16W Chip 1608	AA
R8678	9DK001-50237	J	1.0k 1/16W Chip 1608	AB
R8680	9DK001-50213	J	2.0k 1/16W Chip 1608	
R8681	9DK001-50258	J	5.1k 1/16W Chip 1608	
R8682	9DK001-50237	J	1.0k 1/16W Chip 1608	AB
R8684	9DK001-50173	J	470 1/16W Chip 1608	AA
R8685	9DK001-50150	J	10 1/16W Chip 3216	AA
R8687	9DK001-50173	J	470 1/16W Chip 1608	AA
R8688	9DK001-50201	J	15 1/16W Chip 1608	AA
R8689	9DK001-50173	J	470 1/16W Chip 1608	AA
R8690	9DK001-50205	J	1.8k 1/16W Chip 1608	AA
R8691	9DK001-50205	J	1.8k 1/16W Chip 1608	AA
R8692	9DK001-50159	J	22 1/16W Chip 1608	AA
R8693	9DK001-50159	J	22 1/16W Chip 1608	AA
R8694	9DK001-50159	J	22 1/16W Chip 1608	AA
R8695	9DK001-50159	J	22 1/16W Chip 1608	AA
R8696	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8697	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8698	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8699	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8700	9DK001-50218	J	20k 1/16W Chip 1608	AA
R8701	9DK001-50257	J	75 1/16W Chip 1608	AA
R8702	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8704	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8705	9DK001-50186	J	22k 1/16W Chip 1608	AA
R8708	9DK001-51030	J	10k 1/16W Resistor Array	AD
R8727	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8728	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8729	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8730	9DK001-50179	J	2.2k 1/16W Chip 1608	AA
R8731	9DK001-50170	J	270 1/16W Chip 1608	AA
R8733	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8734	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8735	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8736	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8737	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8738	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8739	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8740	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8741	9DK001-50149	J	0 1/16W Chip 1608	AB
R8742	9DK001-50159	J	22 1/16W Chip 1608	AA
R8743	9DK001-50273	J	1.8k 1/16W Chip 1608	
R8744	9DK001-50149	J	0 1/16W Chip 1608	AB
R8745	9DK001-50149	J	0 1/16W Chip 1608	AB
R8746	9DK001-50149	J	0 1/16W Chip 1608	AB
R8747	9DK001-50149	J	0 1/16W Chip 1608	AB
R8748	9DK001-50149	J	0 1/16W Chip 1608	AB
R8749	9DK001-50149	J	0 1/16W Chip 1608	AB
R8750	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8751	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8752	9DK001-50170	J	270 1/16W Chip 1608	AA
R8753	9DK001-50170	J	270 1/16W Chip 1608	AA
R8754	9DK001-50111	J	75 1/4W Chip 3216	AB
R8755	9DK001-50111	J	75 1/4W Chip 3216	AB
R8756	9DK001-50111	J	75 1/4W Chip 3216	AB

CPCi-0042CE01

PC I/F UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R8757	9DK001-50149	J	0 1/16W Chip 1608	AB
R8758	9DK001-50149	J	0 1/16W Chip 1608	AB
R8759	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8760	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8761	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8762	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8763	9DK001-50149	J	0 1/16W Chip 1608	AB
R8764	9DK001-50149	J	0 1/16W Chip 1608	AB
R8765	9DK001-50149	J	0 1/16W Chip 1608	AB
R8787	9DK001-50244	J	3.9k 1/16W Chip 1608	
R8788	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8789	9DK001-50177	J	1k 1/16W Chip 1608	AA
R8790	9DK001-50179	J	2.2k 1/16W Chip 1608	AA
R8791	9DK001-50244	J	3.9k 1/16W Chip 1608	
R8792	9DK001-50179	J	2.2k 1/16W Chip 1608	AA
R8793	9DK001-50110	J	0 1/10W Chip 2125	AB
R8794	9DK001-50110	J	0 1/10W Chip 2125	AB
R8795	9DK001-50110	J	0 1/10W Chip 2125	AB
R8796	9DK001-50110	J	0 1/10W Chip 2125	AB
R8797	9DK001-50110	J	0 1/10W Chip 2125	AB
R8798	9DK001-50110	J	0 1/10W Chip 2125	AB
R8799	9DK001-50110	J	0 1/10W Chip 2125	AB
R8800	9DK001-50110	J	0 1/10W Chip 2125	AB
R8801	9DK001-50110	J	0 1/10W Chip 2125	AB
R8802	9DK001-50110	J	0 1/10W Chip 2125	AB
R8803	9DK001-50110	J	0 1/10W Chip 2125	AB
R8804	9DK001-50110	J	0 1/10W Chip 2125	AB
R8805	9DK001-50110	J	0 1/10W Chip 2125	AB
R8806	9DK001-50110	J	0 1/10W Chip 2125	AB
R8807	9DK001-50110	J	0 1/10W Chip 2125	AB
R8808	9DK001-50110	J	0 1/10W Chip 2125	AB
R8809	9DK001-50110	J	0 1/10W Chip 2125	AB
R8810	9DK001-50110	J	0 1/10W Chip 2125	AB
R8811	9DK001-50110	J	0 1/10W Chip 2125	AB
R8812	9DK001-50110	J	0 1/10W Chip 2125	AB
R8813	9DK001-50110	J	0 1/10W Chip 2125	AB
R8814	9DK001-50110	J	0 1/10W Chip 2125	AB
R8815	9DK001-50110	J	0 1/10W Chip 2125	AB
R8816	9DK001-50110	J	0 1/10W Chip 2125	AB
R8817	9DK001-50110	J	0 1/10W Chip 2125	AB
R8818	9DK001-50110	J	0 1/10W Chip 2125	AB
R8844	9DK001-50173	J	470 1/16W Chip 1608	AA
R8845	9DK001-50186	J	22k 1/16W Chip 1608	AA
R8846	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8847	9DK001-50173	J	470 1/16W Chip 1608	AA
R8848	9DK001-50212	J	100k 1/16W Chip 1608	AA
R8855	9DK001-50185	J	10k 1/16W Chip 1608	AA
R8856	9DK001-50110	J	0 1/10W Chip 2125	AB
R8857	9DK001-50110	J	0 1/10W Chip 2125	AB
R8858	9DK001-50149	J	0 1/16W Chip 1608	AB
R8859	9DK001-50149	J	0 1/16W Chip 1608	AB
R8864	9DK001-50149	J	0 1/16W Chip 1608	AB
R8867	9DK001-50110	J	0 1/10W Chip 2125	AB
R8868	9DK001-50110	J	0 1/10W Chip 2125	AB
R8869	9DK001-50110	J	0 1/10W Chip 2125	AB

SWITCH

Ref. No.	Part No.	★	Description	Code
S8001	9DK001-70012	J	SSSS812-B-2B	AL

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
L8020	9DK001-81060	J	Ferrite Bead BLM21B201SPT	
FB8001	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8002	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8003	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8004	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8005	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8006	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8007	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8008	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8009	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8010	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8011	9DK001-81048	J	Ferrite Bead BLM21B221SD	
FB8012	9DK001-81048	J	Ferrite Bead BLM21B221SD	
P8002	9DK001-60048	J	Connector	AM
P8405	9DK001-60030	J	179031-2	
P8502	9DK001-60030	J	179031-2	
TP8001	9DK001-84014	J	Lug,Test point	AE
TP8002	9DK001-84014	J	Lug,Test point	AE
TP8003	9DK001-84014	J	Lug,Test point	AE

CABINET AND MECHANICAL PARTS

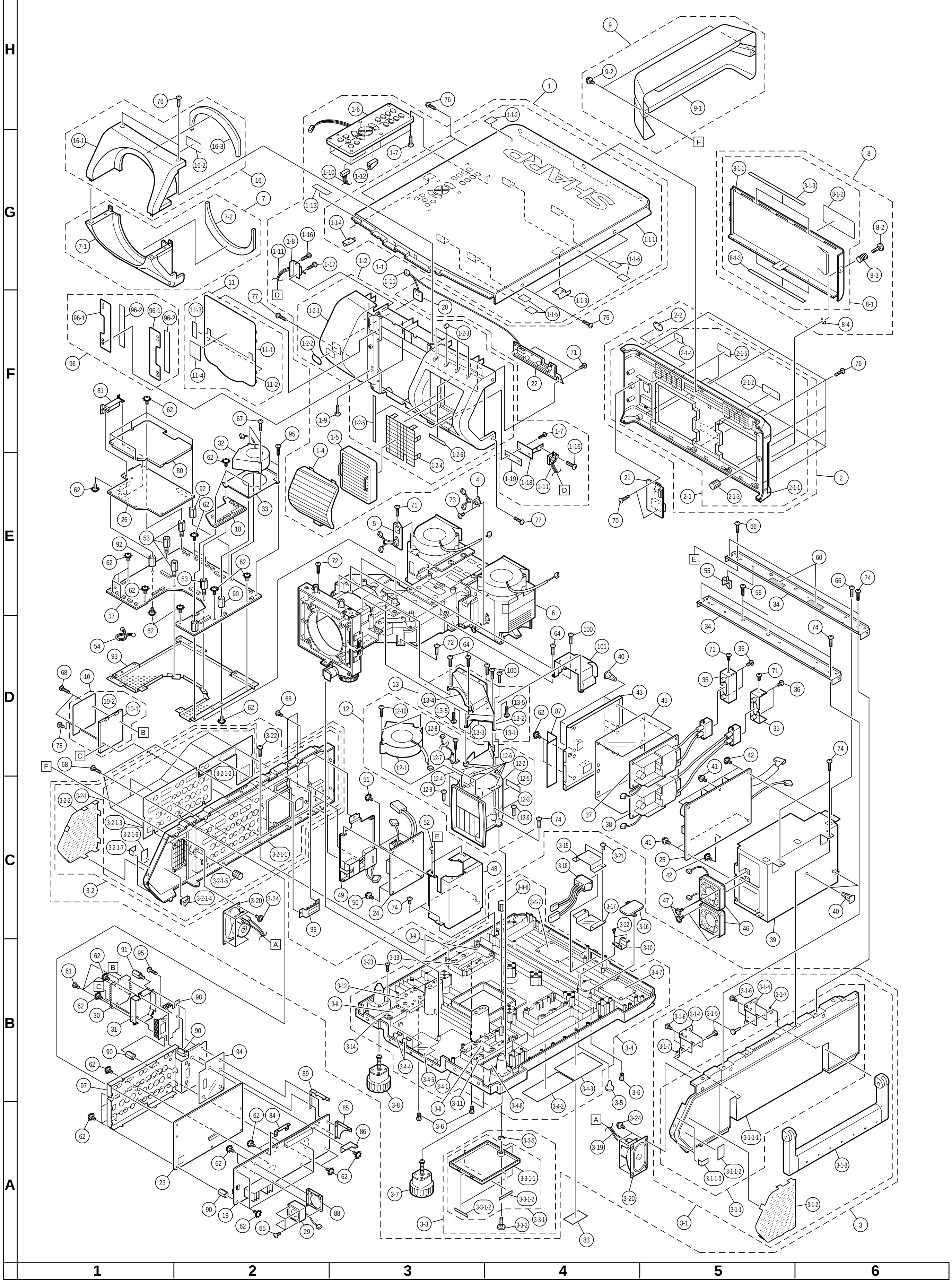
Ref. No.	Part No.	★	Description	Code
1	*Not Available*	–	Top Cabinet Ass'y	—
1-1	DBDYT1129CE01	J	Top Cabinet Ass'y	BS
1-1-1	*Not Available*	–	Top Cabinet	—
1-1-2	HiNDP5459CESA	J	IQ Label	AD
1-1-3	LHLDZ2037CEKZ	J	Holder (L)	AD
1-1-4	LHLDZ2038CEKZ	J	Holder (R)	AD
1-1-5	PSPAT0062CEZZ	J	Spacer, x2	AB
1-1-6	PSPAT0067CEZZ	J	Spacer, x2	
1-2	CBDYF1096CE01	J	Front Cabinet Ass'y	BN
1-2-1	*Not Available*	–	Front Cabinet	—
1-2-2	GCOVA1868CESA	J	R/C Cover, Front	AD
1-2-3	GCOVA1870CESA	J	LED Cover, x4	AD
1-2-4	HPNC-0450CE00	J	Punching	AL
1-2-5	PSPAT0050CEZZ	J	Teflon Tape, x2	AB
1-2-6	PSPAT0064CEZZ	J	Teflon Tape, x2	AB
1-4	GCOVA1784CEKA	J	Filter Cover	AR
1-5	PFiLD0108CEZZ	J	Filter	BB
1-6	QSW-Z0524CEZZ	J	Operation Unit	AZ
1-7	XEPSD30P10000	J	Screw, x7	AA
1-8	LANGF9551CEFW	J	Leaf Switch Angle	AD
1-9	XEPSD40P12000	J	Screw, x4	AA
1-10	QCNW-5581CEZZ	J	Wire	AK
1-11	QCNW-5757CEZZ	J	Wire	AR
1-12	LHLDW1173CEZZ	J	Holder	AD
1-13	PSPAT0061CEZZ	J	Teflon Tape	AC
1-16	XBPSF26P06000	J	Screw, x2	AA
1-17	XEPSD30P12000	J	Screw	AA
1-18	LANGK0603CEFW	J	Leaf Switch Angle	
1-19	PCOVM0104CEKZ	J	Dust Cover	
2	*Not Available*	–	Rear Cabinet Ass'y	—
2-1	DBDYR1077CE01	J	Rear Cabinet Ass'y	BL
2-1-1	*Not Available*	–	Rear Cabinet	—
2-1-2	HiNDP5542CESA	J	AC SW Indication	AD
2-1-3	LX-NZ3144CEFW	J	Nut	AC
2-1-4	TLABS0049GEZZ	J	Label	AB
2-1-5	PSPAT0021CEZZ	J	Teflon Tape, x2	AC
2-2	GCOVA1869CESA	J	R/C Cover, Rear	AD
3	*Not Available*	–	Bottom Cabinet Ass'y	—
3-1	*Not Available*	–	Right Cabinet Ass'y	—
3-1-1	DBDYS1082CE01	J	Right Cabinet Ass'y	BN
3-1-1-1	*Not Available*	–	Right Cabinet	—
3-1-1-2	PSPAH1005CE00	J	Spacer	AC
3-1-1-3	PSPAT0062CEZZ	J	Teflon Tape, x2	AB
3-1-2	HPNC-0448CESA	J	Speaker Punching	AM
3-1-3	JHNDA1047CESA	J	Handle	BM
3-1-4	LANGF9531CEFW	J	Angle, x2	AG
3-1-5	NSFTH0019CEFW	J	Handle Shaft, x2	AF
3-1-6	XBPSD40P12J00	J	Screw, x4	AA
3-1-7	XRESJ40-06000	J	E-Ring, x2	AA
3-2	*Not Available*	–	Left Cabinet Ass'y	—
3-2-1	DBDYS1083CE01	J	Left Cabinet Ass'y	BP
3-2-1-1	*Not Available*	–	Left Cabinet	—
3-2-1-2	HiNDP5538CESA	J	Inlet Indication	AK
3-2-1-3	HiNDP5539CESA	J	Terminal Indication	AK
3-2-1-4	LHLDW1173CEZZ	J	Holder	AD
3-2-1-5	LX-NZ3144CEFW	J	Nut, x2	AC
3-2-1-6	PSPAH1005CE00	J	Spacer	AC
3-2-1-7	PSPAT0062CEZZ	J	Teflon Tape, x2	AB
3-2-2	HPNC-0448CESA	J	Speaker Punching	AM
3-3	CDORU1009CE01	J	Door Ass'y	AR
3-3-1	DRORU1009CE01	J	Door Ass'y	
3-3-1-1	*Not Available*	–	Door	—
3-3-1-2	PSPAT0050CEZZ	J	Teflon Tape, x4	AB
3-3-2	LX-BZ3366CEFN	J	Screw	AD
3-3-3	XRESJ30-06000	J	E-Ring	AA
3-4	DBDYU1085CE01	J	Bottom Cabinet Ass'y	BX
3-4-1	*Not Available*	–	Bottom Cabinet	—
3-4-2	HiNDP5397CESB	J	FCC Indication	AE
3-4-3	HiNDP5537CESA	J	Model Label	AE

Ref. No.	Part No.	★	Description	Code
3-4-4	LHLDW1028GEZZ	J	Holder, x2	AB
3-4-5	LHLDZ2158CEKZ	J	Holder	AE
3-4-6	LX-NZ3102CEFW	J	Nut	AB
3-4-7	PCOVM9032CEKZ	J	Dust Cover, x2	AF
3-4-8	PFiLD0117CEZZ	J	Filter	AF
3-5	GCOVA1218CEZZ	J	Cover	AA
3-6	GCOVH1302CEKC	J	Cover, x4	AD
3-7	GLEGP1032CEKA	J	Adjuster-Right	BA
3-8	GLEGP3031CEKA	J	Adjuster-Left	BA
3-9	LANGF9534CEFW	J	Angle, x3	AD
3-10	LANGK0644CEFD	J	Angle (RR)	AG
3-11	LANGK0686CEFD	J	Angle (FR)	AN
3-12	LANGK0687CEFD	J	Angle (FL)	AM
3-13	LANGK0688CEFD	J	Angle (RL)	AP
3-14	LHLDZ2159CEKZ	J	Holder	AE
3-15	PCOVQ1002CEKZ	J	AC Switch Cover	AF
3-16	PCOVQ1003CEKZ	J	Cover	AF
3-17	PZETK0066CEKZ	J	AC Switch Barrier	AE
3-18	QCNW-5578CEZZ	J	AC Power Switch	AY
3-19	QCNW-5596CEZZ	J	Wire	AG
3-20	VSP9050PB218A	J	Speaker, x2	AN
3-21	XEBSD30P10000	J	Screw, x2	AA
3-22	XEPSD40P16000	J	Screw, x31	AA
3-23	XEPSD40P20000	J	Screw, x8	AB
3-24	XJPSD30P10WS0	J	Screw, x8	AA
⚠ 4	CBiM-0001DE32	J	Bimetal Ass'y (R)	
⚠ 5	CBiM-0001DE33	J	Bimetal Ass'y (L)	
6	*Refer to Optics Mechanism Parts*			
7	CCOVA1786CE01	J	Lens Cover, Bottom Ass'y	AY
7-1	*Not Available*	–	Lens Cover, Bottom	—
7-2	PMLT-0340CEZZ	J	Spacer	AG
8	*Not Available*	–	Lamp Cover Ass'y	—
8-1	DCOVA1787CE01	J	Lamp Cover Ass'y	BE
8-1-1	*Not Available*	–	Lamp Cover	—
8-1-2	HiNDP5651CESA	J	Caution Label	AD
8-1-3	PSPAT0063CEZZ	J	Teflon Tape, x4	AC
8-2	LX-BZ1009CEFN	J	Screw	AE
8-3	MSPRC0202CEFW	J	Spring	AB
8-4	XRESJ30-06000	J	E-Ring	AA
9	CCOVA1789CE01	J	Terminal Cover Ass'y	BA
9-1	*Not Available*	–	Terminal Cover	—
9-2	LX-BZ3428CE01	J	Screw, x2	AD
10	CCOVA1867CE01	J	Terminal Cover Ass'y (OP)	AU
10-1	*Not Available*	–	Terminal Cover (OP)	—
10-2	HiNDP5540CESA	J	Indication	AF
11	CCOVA1873CE01	J	Shutter Ass'y	AR
11-1	*Not Available*	–	Shutter (Upper)	—
11-2	*Not Available*	–	Shutter (Lower)	—
11-3	PSPAT0061CEZZ	J	Teflon Tape, x2	AC
11-4	TLABH1396CEZZ	J	Caution Label	AF
12	*Not Available*	–	Intake Fan Duct Ass'y	—
12-1	NFANS0019CE00	J	Intake Fan	BA
12-2	PDUC-0107CEKZ	J	Duct, Top	AM
12-3	PDUC-0108CEKZ	J	Duct, Bottom	AM
12-4	PMLT-0376CEZZ	J	Spacer	AC
12-5	PSPAT0023CEZZ	J	Teflon, Tape	AC
12-6	PMLT-0380CEZZ	J	Spacer, x4	
12-7	RH-HZ0082CEZZ	J	Thermister	AP
12-8	XEBSD40P08000	J	Screw	AA
12-9	XEPSD30P10000	J	Screw, x2	AA
12-10	XUPSD40P40000	J	Screw, x2	AB
13	*Not Available*	–	Relay Duct Ass'y	—
13-1	PDUC-0109CEKZ	J	Relay Duct, Top	AL
13-2	PDUC-0110CEKZ	J	Relay Duct, Bottom	AF
13-3	PMLT-0378CEZZ	J	Spacer	AC
13-4	PMLT-0379CEZZ	J	Spacer	
13-5	XEPSD30P10000	J	Screw, x2	AA

CABINET AND MECHANICAL PARTS
(Continued)

Ref. No.	Part No.	★	Description	Code
16	CCOVA1785CE01	J	Lens Cover, Top Ass'y	AY
16-1	*Not Available*	–	Lens Cover, Top	—
16-2	HiNDP5405CESA	J	Lens Caution Label	AE
16-3	PMLT-0339CEZZ	J	Spacer	AF
17	*Not Available*	–	Output Unit	—
18	*Not Available*	–	Output Sub Unit	—
19	*Not Available*	–	Signal Unit	—
20	*Not Available*	–	R/C Receiver-1 Unit	—
21	*Not Available*	–	R/C Receiver-2 Unit	—
22	*Not Available*	–	LED Unit	—
23	*Not Available*	–	Input Unit	—
24	*Not Available*	–	Inlet Unit	—
25	*Not Available*	–	Power Unit	—
26	*Not Available*	–	PC I/F Unit	—
29	NFANR0105CE00	J	Fan	AY
30	QEARP0101CEFW	J	Option Spring	AF
31	PSLDM4551CEFW	J	Shielding Plate	AR
32	NFANS0013CE00	J	Fan	AY
33	LANGU9056CEFW	J	Angle	AH
34	LANGF9529CEFW	J	Angle, x2	AL
35	LHLDZ2165CEKZ	J	Socket Holder, x2	AG
36	LX-HZ3106CEFD	J	Screw, x4	AB
37	RDENC0301CEZZ	J	Ballast-1 Unit (The Ballast Unit is supplide only as an assembly.)	CC
38	RDENC0302CEZZ	J	Ballast-2 Unit (The Ballast Unit is supplide only as an assembly.)	CC
39	9FJ0N00002070	J	Case Base	
40	9FJ0G20002970	J	Circuit Board Spacer	
41	9FJ0S89000100	J	Screw	AB
42	9FJ0S89000070	J	Screw	AC
43	9FJ0N00002080	J	Case Cover	
45	9FJ0A11901640	J	Insulation Barrier	
46	9FJ0M41001200	J	FAN, x2	
47	9FJ0S08004200	J	Screw	
48	9FJ0N00002050	J	Case Base	
49	9FJ0N00002060	J	Case Cover	
50	9FJ0S89000100	J	Screw	AB
51	9FJ0S89000070	J	Screw	AC
52	9FJ0S07003060	J	Screw	AB
53	NSFTZ0160CEFW	J	Shaft, x4	AD
54	LHLDW1003GEZZ	J	Holder	AA
55	LHLDW1008GEZZ	J	Holder	AA
59	LX-BZ3424CEFD	J	Screw, x2	AB
60	PSPAZ0386CE00	J	Spacer, x2	AC
61	XBPSD26P04000	J	Screw, x3	AA
62	XBPSD30P06R00	J	Screw	AB
64	XBPSD30P10000	J	Screw, x4	
65	XBPSD30P25JS0	J	Screw	AA
66	XBPSD40P12J00	J	Screw, x2	AA
67	XBPSD40P35JS0	J	Screw	AA
68	XBPSN30P10000	J	Screw, x13	AA
70	XEBSD30P08000	J	Screw, x2	AA
71	XEBSD30P10000	J	Screw, x9	AA
72	XEBSD40P25000	J	Screw, x12	AA
73	XEPSD30P06000	J	Screw, x2	AA
74	XEPSD40P16000	J	Screw, x15	AA
75	XEPSN30P10000	J	Screw	AA
76	XEPSN40P14000	J	Screw, x29	AB
77	XEPSN40P20000	J	Screw, x2	AB
80	PSLDM4550CEFW	J	Shield	AG
81	LANGU9055CEFN	J	Angel	AK
83	HiNDP5543CEZZ	J	Serial No. Label	AD
84	LANGF9535CEFW	J	Angle	AD
85	LANGF9536CEFW	J	Angle	AE
86	LANGF9651CEFW	J	Angle	AE
87	LANGH0157CEFW	J	Angle	AE
88	LANGU9054CEFW	J	Angle	AF
89	LANGU9057CEFW	J	Angle	AE
90	NSFTZ0145CEFW	J	Shaft	AD
91	NSFTZ0159CEFW	J	Shaft	AD
92	NSFTZ0161CEFW	J	Shaft, x4	AD
93	PSLDM4548CEFW	J	Shield	AQ
94	PZETK0067CEKZ	J	Shield	AE
95	XBPSD30P08R00	J	Screw, x2	AB
96	CHLDZ2110CE01	J	Shutter Holder Ass'y	AH
96-1	LHLDZ2110CEKZ	J	Shutter Holder	AF
96-2	PSPAT0060CEZZ	J	Teflon Tape	AE
97	PSLDM4559CEFW	J	Shield	
98	QEARP0100CEFW	J	Earth Shield	
99	QEARP0116CEFW	J	Earth Shield	
100	XEPSD30P10000	J	Screw	
101	PDUC-0111CEKZ	J	Cover, Top	
	9FJ0S07003060	J	Screw	
	LHLDW1064CEZZ	J	Holder	AB
	LHLDW1080CEZZ	J	Holder	AA

CABINET AND MECHANICAL PARTS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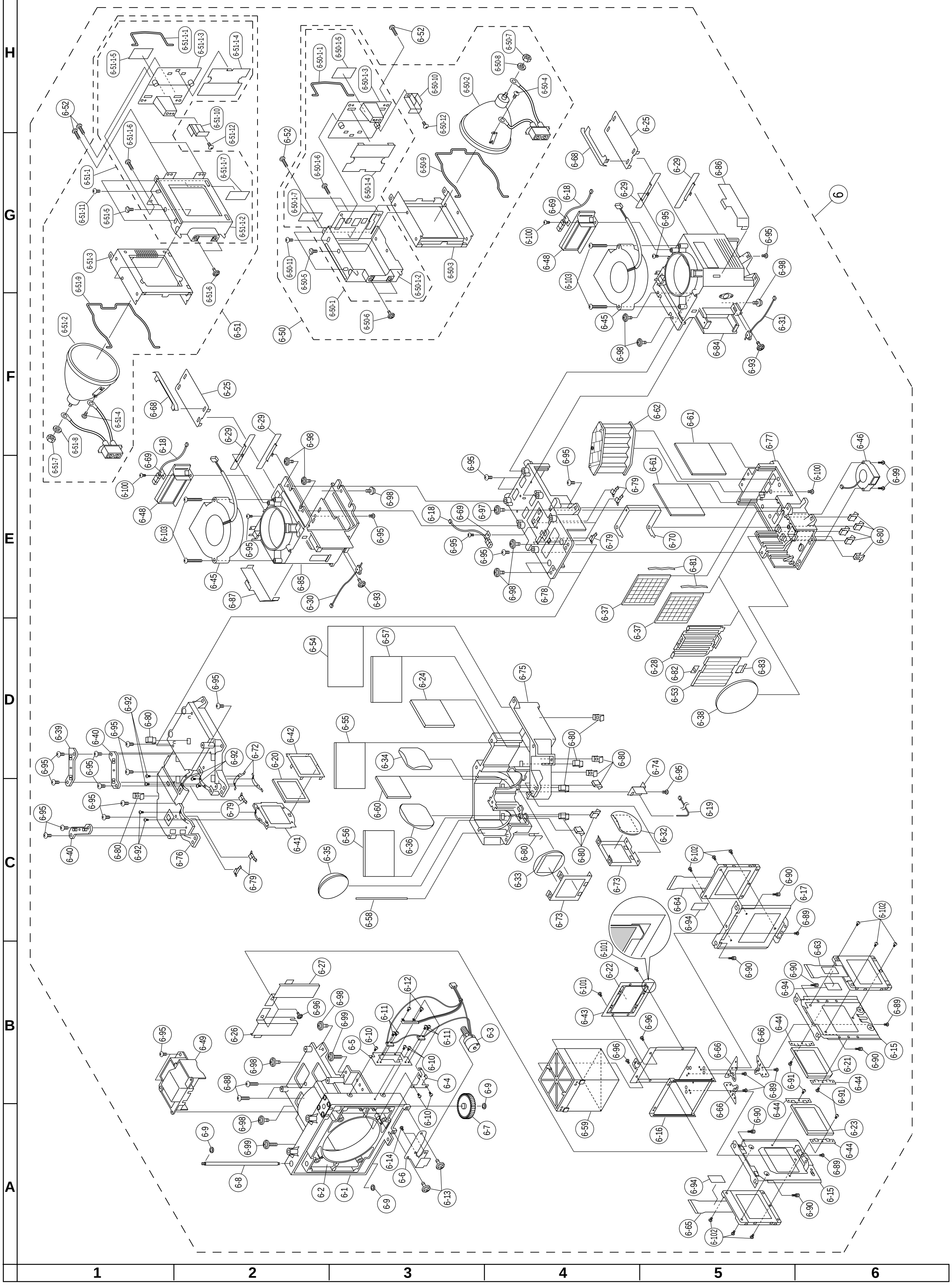
OPTICS MECHANISM PARTS

Ref. No.	Part No.	★	Description	Code
6	CCHSK0087CE01	J	Optics Macha Ass'y	
6-1	CHLDZ3095CE01	J	Prism Holder Ass'y	CA
6-2	CHLDZ3096CE01	J	L-Mount Ass'y	BS
6-3	CMOTM0000CE01	J	Motor Ass'y	BR
6-4	LANGU9070CEFW	J	Lever	AG
6-5	LANGU9071CEFW	J	Angle	AH
6-6	LANGU9072CEFW	J	Angle	AG
6-7	NGERH0000CEZZ	J	Gear	AS
6-8	NSFTT0001CEFW	J	Guide	AU
6-9	LX-WZ1028CEZZ	J	Washer, x3	AB
6-10	XSPSF20P05000	J	Screw, x5	AA
6-11	XSPSD20P08000	J	Screw, x4	AA
6-12	XSPSF17P04000	J	Screw, x2	AA
6-13	XBPSD30P08JS0	J	Screw, x2	AA
6-14	XBPSD30P04J00	J	Screw, x2	AA
6-15	CANGT2136CE01	J	R/B Adjusting Plate, x2	AS
6-16	LANGG1190CEFW	J	Guide Plate	AV
6-17	LANGT2137CEFW	J	G Adjusting Plate	AP
6-18	RH-HZ0080CEZZ	J	Thermister, x3	AL
6-19	RH-HZ0081CEZZ	J	Thermister	AL
6-20	PFiLW0231CEZZ	J	Polarizer Input Filter-B	BT
6-21	PFiLW0269CEZZ	J	Polarizer Output Filter-R	BS
6-22	PFiLW0267CEZZ	J	Polarizer Output Filter-G	BS
6-23	PFiLW0268CEZZ	J	Polarizer Output Filter-B	BK
6-24	PFiLW0266CEZZ	J	UV Filter	BK
6-25	PSLDH3084CEFW	J	Shielding Plate, x2	AF
6-26	PSLDP0105CEZZ	J	Light Shielding Plate (R)	AF
6-27	PSLDP0106CEZZ	J	Light Shielding Plate (L)	AF
6-28	PSLDP3074CEFW	J	PBS Aperture	AG
6-29	PSLDP3079CEFW	J	Shielding Plate, x4	AK
6-30	QCNW-5584CEZZ	J	Wire (LL)	AG
6-31	QCNW-5585CEZZ	J	Wire (RL)	AG
6-32	PLNS-0180CEZZ	J	L2 (R)	BK
6-33	PLNS-0181CEZZ	J	L2 (G)	BS
6-34	PLNS-0199CEZZ	J	G01	BE
6-35	PLNS-0200CEZZ	J	G02	BQ
6-36	PLNS-0201CEZZ	J	G03	BD
6-37	PLNS-0202CEZZ	J	Flyeye Lens, x2	BK
6-38	PLNS-0203CEZZ	J	L1	BD
6-39	LHLDZ3087CEZZ	J	M3 Adjust Lever Ass'y	AK
6-40	LHLDZ3088CEZZ	J	M5/M6 Adjust Lever Ass'y, x2	AK
6-41	LHLDZ3089CEFW	J	Adjusting Plate	AD
6-42	LHLDZ3090CEFW	J	Fitting Plate	AF
6-43	LHLDZ3092CEFF	J	Holder	AK
6-44	LHLDZ3094CEFF	J	Holder, x4	AE
6-45	NFANS0020CE00	J	Exhaust Fan, x2	BA
6-46	NFANS0021CE00	J	PBS Fan	BA
6-48	PDUC-0115CEKZ	J	Exhaust Duct, x2	AK
6-49	PDUC-0116CEKZ	J	Duct, Bottom	AK
⚠ 6-50	BQC-XGV10WU/1	J	Lamp Unit-1	CQ
6-50-1	CCOVZ1081CE01	J	Lamp Case Base	AX
6-50-1-1	LHLDZ3086CEFW	J	Handle	AE
6-50-1-2	PCASZ1037CEKZ	J	Lamp Case	AR
6-50-1-3	PCOVZ1081CEKZ	J	Case Base	AM
6-50-1-4	PSLDH3083CEFW	J	Shielding Plate	AE
6-50-1-5	TLABZ0742CEZZ	J	Caution Label	AA
6-50-1-6	XEPSD30P10000	J	Screw, x2	AA
6-50-1-7	TLABZ0758CEZZ	J	Caution Label	AD
⚠ 6-50-2	CLMPF0064CE01	J	Lamp/Mirror Ass'y	CL
6-50-3	LANGU9058CEZZ	J	Angle	AU
6-50-4	LX-BZ3270CEFN	J	Screw	AA
6-50-5	LX-BZ3427CEFD	J	Screw, x2	AC
6-50-6	LX-HZ3106CEFD	J	Screw, x2	AB
6-50-7	LX-NZ3108CEFN	J	Nut	AA
6-50-8	LX-WZ3102CEFN	J	Washer	AA
6-50-9	MSPRK0059CEFW	J	Spring	AH
6-50-10	PCOVZ1092CEKZ	J	Cover	AF
6-50-11	XBBSD40P08000	J	Screw, x3	AA
6-50-12	XEPSD30P10000	J	Screw	AA
⚠ 6-51	BQC-XGV10WU/1	J	Lamp Unit-2	CQ
6-51-1	CCOVZ1081CE01	J	Lamp Case Base	AX
6-51-1-1	LHLDZ3086CEFW	J	Handle	AE
6-51-1-2	PCASZ1037CEKZ	J	Lamp Case	AR
6-51-1-3	PCOVZ1081CEKZ	J	Case Base	AM
6-51-1-4	PSLDH3083CEFW	J	Shielding Plate	AE
6-51-1-5	TLABZ0742CEZZ	J	Caution Label	AA
6-51-1-6	XEPSD30P10000	J	Screw, x2	AA
6-51-1-7	TLABZ0758CEZZ	J	Caution Label	AD
⚠ 6-51-2	CLMPF0064CE01	J	Lamp/Mirror Ass'y	CL
6-51-3	LANGU9058CEZZ	J	Angle	AU
6-51-4	LX-BZ3270CEFN	J	Screw	AA
6-51-5	LX-BZ3427CEFD	J	Screw, x2	AC
6-51-6	LX-HZ3106CEFD	J	Screw, x2	AB
6-51-7	LX-NZ3108CEFN	J	Nut	AA
6-51-8	LX-WZ3102CEFN	J	Washer	AA
6-51-9	MSPRK0059CEFW	J	Spring	AH
6-51-10	PCOVZ1092CEKZ	J	Cover	AF
6-51-11	XBBSD40P08000	J	Screw, x3	AA
6-51-12	XEPSD30P10000	J	Screw	AA
6-52	XBTSC40P12000	J	Screw, x6	AB
6-53	PMiR-0254CEZZ	J	PBS	CE
6-54	PMiR-0255CEZZ	J	Mirror-M2	BH
6-55	PMiR-0256CEZZ	J	Mirror-M3	BD
6-56	PMiR-0257CEZZ	J	Mirror-M4	AM
6-57	PMiR-0258CEZZ	J	Mirror-M5	AM
6-58	PMiR-0259CEZZ	J	Mirror-M6	AK
6-59	PMiR-0260CEZZ	J	Cross Prism	CR
6-60	PMiR-0261CEZZ	J	B Trim Filter	BA
6-61	PMiR-0262CEZZ	J	UV-IR Filter, x2	BD
6-62	PMiR-0263CEZZ	J	Mirror Prism	BZ
6-63	RLCDP0099CEZZ	J	LCD Module Unit, Red	FE
6-64	RLCDP0100CEZZ	J	LCD Module Unit, Green	FE
6-65	RLCDP0101CEZZ	J	LCD Module Unit, Blue	FE
6-66	LANGG1126CEFW	J	Adjusting plate, x3	AG
6-68	LANGG1193CEFW	J	Lamp Guide Angle, x2	AE
6-69	LANGK0738CEFW	J	Angle, for Temp. Sensor, x3	AM
6-70	LANGK0740CEFW	J	PBS Adjust	AF
6-72	LANGU9064CEFW	J	L2 Adjusting Plate, x2	AD
6-73	LANGU9065CEFW	J	L2 Fitting Plate, x2	AE
6-74	LANGU9068CEFW	J	Angle, for Temp. Sensor	AF
6-75	LCHSK0090CEKZ	J	Optics Mecha, Base	BC
6-76	LCHSK0091CEKZ	J	Optics Mecha, Cover	BA
6-77	LCHSK0092CEK1	J	Light Base	AZ
6-78	LCHSK0093CEK1	J	Light Cover	AZ
6-79	MSPRK0065CEFW	J	Lens Fitting Spring, x7	AC
6-80	MSPRP1198CEFW	J	Mirror Fitting Spring, x17	AD
6-81	MSPRP1199CEFW	J	Flyeye Fitting Spring, x2	AD
6-82	PCOVP1088CEZZ	J	Cover	AD
6-83	PCOVP1089CEZZ	J	Cover	AD
6-84	PCOVZ1082CEKZ	J	Lamp House (R)	AU
6-85	PCOVZ1083CEKZ	J	Lamp House (L)	AU
6-86	PCOVZ3020CEFW	J	Puncting	AH
6-87	PCOVZ3021CEFW	J	Puncting	AH
6-88	LX-BZ3049GEFD	J	Screw, x3	AA
6-89	LX-BZ3370CEFD	J	Screw, x6	AB
6-90	LX-BZ3388CEFD	J	Screw, x6	AE
6-91	LX-BZ3395CEFF	J	Screw, x4	AC
6-92	LX-BZ3435CEFD	J	Screw, x6	AB
6-93	LX-HZ3106CEFD	J	Screw, x2	AB
6-94	PSPAT0042CEZZ	J	Teflon Tape, x3	AD
6-95	XBBSD30P08000	J	Screw, x24	AA
6-96	XBBSF30P05000	J	Screw, x4	AB
6-97	XBPSD26P10JS0	J	Screw	AA
6-98	XBPSD40P12JS0	J	Screw, x13	AA
6-99	XBPSD40P20JS0	J	Screw, x4	AC
6-100	XEBSD30P08000	J	Screw, x3	AA
6-101	XiPSF20P02000	J	Screw, x2	AA
6-102	XSSSF20P06000	J	Screw, x9	AA
6-103	XUPSD40P40000	J	Screw, x4	AB

OPTICS MECHANISM PARTS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SUPPLIED ACCESSORIES

ACCESSORIES

Ref. No.	Part No.	★	Description	Code
	CCOVA1789CE01	J	Terminal Cover	BA
	PFiLD0110CEZZ	J	Extra Air Filter	BB
⚠	QACCU5013CEZZ	J	AC Cord	AX
	QCNW-5304CEZZ	J	RGB Cable	AV
	QCNW-5113CEZZ	J	PS/2 Mouse Control Cable	AN
	QCNW-5680CEZZ	J	USB Mouse Control Cable	AP
	RUNTK0673CEZZ	J	Remote Mouse Receiver	BM
	RRMCG1564CESA	J	Wireless R/C Unit	BR
	UDSKA0020CEN1	J	CD-ROM	AQ
	TiNS-6974CEZZ	J	Operation Manual	AZ
	TiNS-6980CEZZ	J	Quick Reference	AH
	TiNS-6992CEZZ	J	CD-ROM Manual	AP

ACCESSORIES (NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	TCAUZ3050CEZZ	–	Soft Wear Caution	—
	TCAUZ3033CEZZ	–	Soft Waer Caution (CANADA)	—
	TGAN-1587CEZZ	–	Guarantee Card (U.S.A.)	—
	TGAN-1490CEZZ	–	Guarantee Card (CANADA)	—
	TCADE3003CEZZ	–	Question Card	—
	TCAUH1133CEZZ	–	Notice Label	—
	—	–	Two AA Size Batteries	—

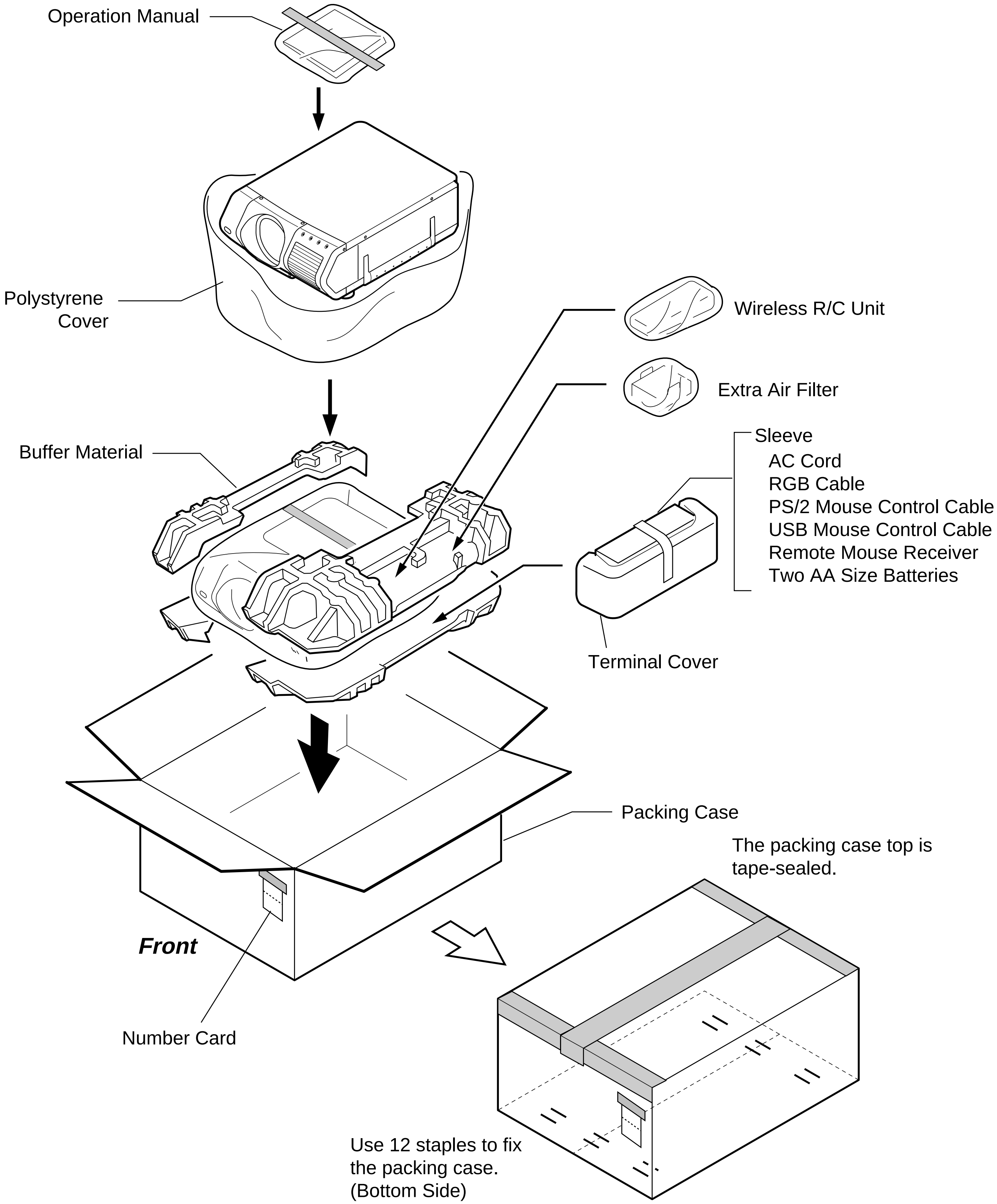
PACKING PARTS
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	SPAKC5287CEZZ	–	Packing Case	—
	SPAKP0841CEZZ	–	Polystyrene Cover	—
	SPAKX2865CEZZ	–	Buffer Material	—
	SPAKF0458CEZZ	–	Sleeve(Box for Accessories)	—
	TLABK0001TAZZ	–	Number Card	—
	TLABN0157CEZZ	–	Serial Number Label	—

SERVICE JIGS
(Use for servicing)

Ref. No.	Part No.	★	Description	Code
	9DASPN-XGNV1U	J	Spanna, 3.2mm (Off-set Cam Adjustment)	BL
	9EQDRiVER-NV1A	J	Off-set Driver (Focus Adjustment)	CA
	9EQLNC-XGNV1U	J	Hexagon Wrench, 2mm (Convergence Adjustment)	BA
	QCNW-4851CEZZ	J	Extension Cable 60-pin Output (PA)-PC I/F (PA), Output (PB)-PC I/F (PB) Output (PC)-PC I/F (PC)	BX
	QCNW-4852CEZZ	J	Extension Cable 32-pin LCD Panel-Output	BH
	QCNW-5699CEZZ	J	Extension Cable 40-pin Signal (PI)-Input (PI) Signal (VI)-Input (VI) Signal (ES)-Optional SDI Unit (ES) or Optional 422 Unit (ES)	
	QCNW-5595CEZZ	J	Extension Cable 100-pin Signal (SA)-Output (SA)	
	QSW-Z0524CEZZ	J	Operation Unit	AZ

PACKING OF THE SET


Operation Manual
Polystyrene Cover
Wireless R/C Unit
Extra Air Filter
Buffer Material
Sleeve
AC Cord
RGB Cable
PS/2 Mouse Control Cable
USB Mouse Control Cable
Remote Mouse Receiver
Two AA Size Batteries
Terminal Cover
Packing Case
Front
Number Card

The packing case top is tape-sealed.

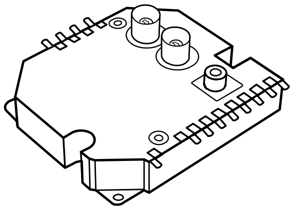
Use 12 staples to fix the packing case. (Bottom Side)

OPTIONAL BOARDS

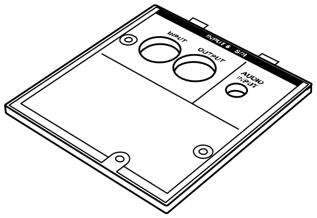
AN-SD1U

SDI BOARD

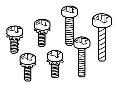
Included Items



1 SDI BOARD

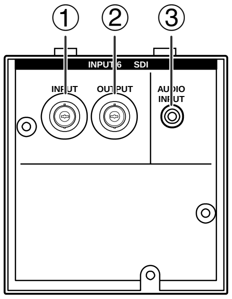


1 Plotter



7 Screws

Part Names



ENGLISH

Warning:

SDI Board installation/uninstallation must be performed by authorized service personnel only.

Warning
This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

The AN-SD1 serial digital interface (SDI) board can be installed in a Sharp projector to input and output SDI composite and component signals to and from D1, D2, D3, DVC Pro, Digital Betacam and other digital VTRs and video equipment. Before installing and using this SDI board, be sure to thoroughly read the operation manual accompanying the projector.

Part Names

① **SDI INPUT (BNC) terminal**
Connects to VTR and video equipment with SDI connections for inputting SMPTE 259M-A (composite SDI) and SMPTE 259M-C (component SDI) signals.

② **SDI OUTPUT (BNC) terminal**
Outputs digital signals input through the INPUT terminal when power on the projector and video equipment is on. (Active through output)

③ **AUDIO INPUT terminal (ø3.5 mm stereo minijack)**
Inputs analog audio signals.

NOTE

- The SDI INPUT terminal only decodes video signals.
- To input analog audio signals, use the AUDIO INPUT terminal.
- The following cables are recommended for use with the SDI INPUT/OUTPUT terminals: 5C-2V (JIS certified) or RG-6A/U (UL certified) coaxial cables.

Major Specifications

INPUT: BNC (1)
SMPTE 259M-A (serial digital NTSC composite),
SMPTE 259M-C (serial digital component)
OUTPUT: BNC (1), Active through output
SMPTE 259M-A (serial digital NTSC composite), SMPTE 259M-C (serial digital component)
AUDIO INPUT: ø3.5 mm stereo minijack (1)

Checking the Status of the SDI Board

1. When the SDI board is installed, select “Options” from the menu screen. “SDI Board” will appear for the Option Board setting.
2. Select “SDI Board” and the SDI board status will be displayed.

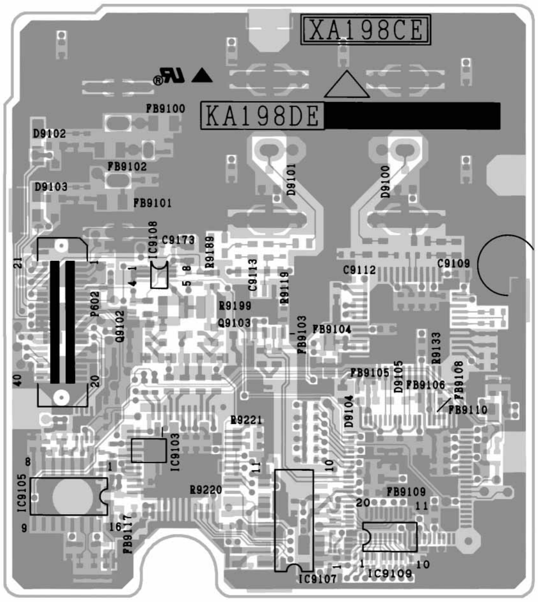
NOTE

- See the operation manual of your Sharp projector for details.

PRINTED WIRING BOARD ASSEMBLIES

H

G

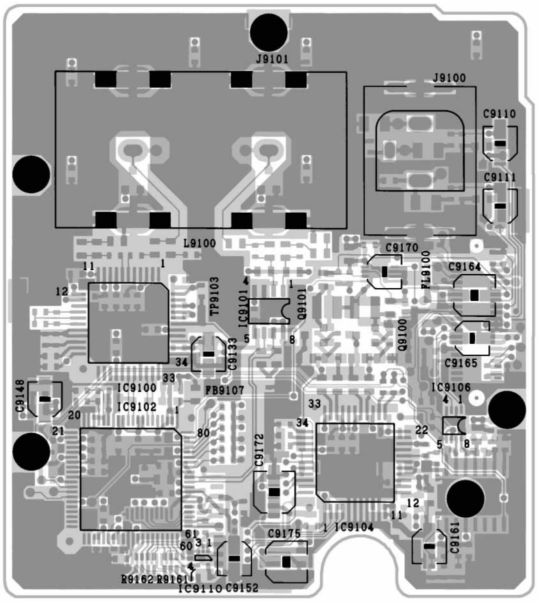

XA198CE
KA198DE
FB9100
D9102
FB9102
D9103
FB9101
D9101
D9100
IC9108
C9173
R9189
C9113
R9119
C9112
C9109
21
P602
Q9102
R9199
Q9103
FB9103
FB9104
40
20
R9133
FB9105
D9105
FB9106
FB9108
D9104
FB9110
R9221
IC9103
8
1
IC9105
R9220
FB9109
20
11
9
16
FB9117
10
IC9107
IC9109
10

SDI Unit (Wiring Side)

F

E

D


J9101
J9100
C9110
C9111
L9100
C9170
C9164
FL9100
11
1
12
TP9103
IC9101
Q9101
4
1
5
8
Q9100
C9133
34
33
C9165
IC9100
IC9102
FB9107
IC9106
C9148
20
21
1
80
33
34
22
4
1
5
8
C9172
12
11
C9175
1
IC9104
C9161
61
60
3
1
4
R9162
R9161
IC9110
C9152

SDI Unit (Component Side)

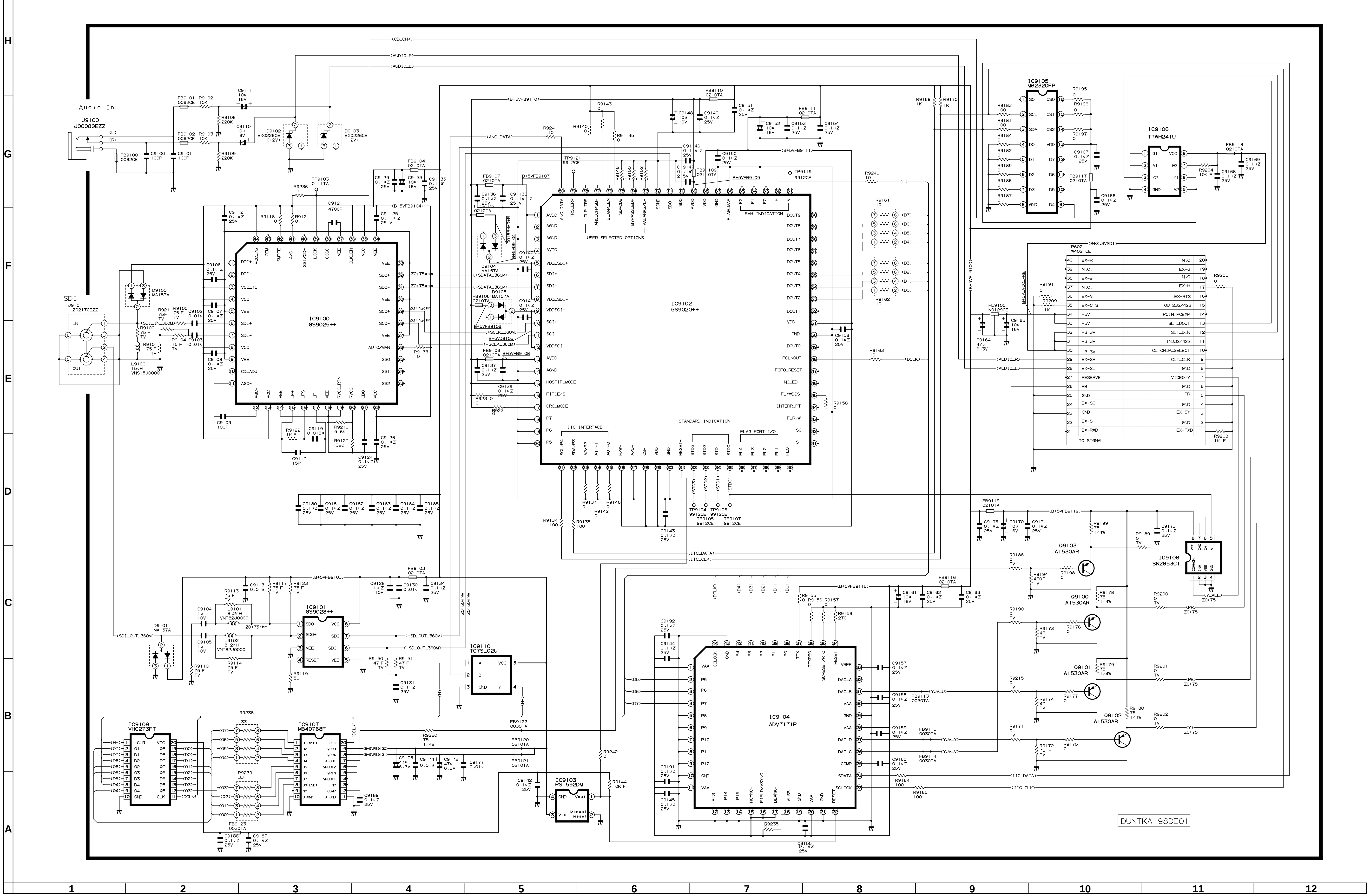
C

B

A

1 2 3 4 5 6

■ SDI UNIT


H
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12
Audio In
J9100
J00080EZZ
SDI
J9101
Z0217CEZZ
IN
OUT
IC9100
GS9025++
IC9101
GS9028++
IC9102
GS9020++
IC9103
PST592DM
IC9104
ADV7171P
IC9105
M62320FP
IC9106
TTWH241U
IC9107
MB40768F
IC9108
SN2G53CT
IC9109
VHC273FT
IC9110
TC7SL02U
Q9100
A1530AR
Q9101
A1530AR
Q9102
A1530AR
Q9103
A1530AR
P602
W402ICE
TO SIGNAL
USER SELECTED OPTIONS
FVH INDICATION
STANDARD INDICATION
IIC INTERFACE
FLAG PORT I/O
(CD_CHK)
(AUDIO_R)
(AUDIO_L)
(IIC_DATA)
(IIC_CLK)
(DCLK)
(YUV_Y)
(YUV_U)
(YUV_V)
(PR)
(PB)
(Y)
DUNTKA198DE01

PARTS LIST

PARTS REPLACEMENT

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Les pieces marquées "⚠" sont importantes pour maintenir la sécurité de l'appareil. Ne remplacer ces pieces que par des pieces dont le numéro est spécifié pour maintenir la sécurité et protéger le bon fonctionnement de l'appareil.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

★ MARK: SPARE PARTS-DELIVERY SECTION

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SDI UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC9100	VHiGS9025++-1Q	J	I.C.	
IC9101	VHiGS9028++-1	J	I.C.	
IC9102	VHiGS9020++-1Q	J	I.C.	
IC9103	VHiPST592DM-1	J	I.C.	
IC9104	VHiADV7171P-1Q	J	I.C.	
IC9105	VHiM62320FP-1	J	M62320FP	AK
IC9106	VHiT7WH241U-1	J	TC7WH241FU	AF
IC9107	VHiMB40768F-1	J	MB40768PF	AP
IC9108	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC9109	VHiVHC273FT-1	J	TC74VHC273FT	
IC9110	VHiTC7SL02U-1	J	TC7Sl02FU	AE

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q9100	VS2SA1530AR-1	J	2SA1530AR	AB
Q9101	VS2SA1530AR-1	J	2SA1530AR	AB
Q9102	VS2SA1530AR-1	J	2SA1530AR	AB
Q9103	VS2SA1530AR-1	J	2SA1530AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D9100	VHDMA157A//-1	J	Diode	AC
D9101	VHDMA157A//-1	J	Diode	AC
D9102	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D9103	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D9104	VHDMA157A//-1	J	Diode	AC
D9105	VHDMA157A//-1	J	Diode	AC

COILS AND FILTER

Ref. No.	Part No.	★	Description	Code
FL9100	RFiLN0129CEZZ	J	Filter	AD
L9100	VPBVNS15J0000	J	Peaking	AC
L9101	VPBVNT82J0000	J	Peaking	AC
L9102	VPBVNT82J0000	J	Peaking	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C9100	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C9101	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C9102	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C9103	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C9104	VCKYTV1AB105K	J	1.0 10V Ceramic	AD
C9105	VCKYTV1AB105K	J	1.0 10V Ceramic	AD
C9106	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9107	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9108	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9109	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C9110	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9111	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9112	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9113	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C9117	VCCCCY1HH150J	J	15p 50V Ceramic	AA
C9119	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C9121	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C9124	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9125	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9126	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9128	VCKYCY1AF105Z	J	1.0 10V Ceramic	AC
C9129	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9130	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C9131	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9133	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9134	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9135	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9136	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9137	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9138	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9139	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9140	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9141	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9142	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9143	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9144	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9145	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9146	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9147	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9148	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9149	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9150	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9151	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9152	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9153	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9154	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9155	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9156	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9157	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9158	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9159	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9160	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9161	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9162	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9163	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9164	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C9165	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9166	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9167	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9168	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9169	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9170	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9171	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9172	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C9173	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9174	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C9175	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C9177	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C9180	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9181	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9182	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9183	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9184	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9185	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9186	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9187	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9189	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9191	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

DUNTKA198DE01

SDI UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C9192	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9193	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R9100	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9101	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9102	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R9103	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R9104	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9105	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9108	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R9109	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R9110	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9113	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9114	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9117	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9118	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9119	VRS-CY1JF560J	J	56 1/16W Metal Oxide	AA
R9121	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9122	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R9123	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9127	VRN-CY1JF391D	J	390 1/16W Metal Film	AB
R9130	VRS-TV1JD470F	J	47 1/16W Metal Oxide	AA
R9131	VRS-TV1JD470F	J	47 1/16W Metal Oxide	AA
R9133	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9134	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9135	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9137	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9140	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9142	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9143	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9144	VRS-CY1JF103F	J	10k 1/16W Metal Oxide	AA
R9145	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9146	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9148	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9150	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9152	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9154	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9155	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9156	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9157	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9158	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9159	VRS-CY1JF301J	J	300 1/16W Metal Oxide	AA
R9161	VRS-CB1JF100J	J	10 1/16W Metal Oxide	AA
R9162	VRS-CB1JF100J	J	10 1/16W Metal Oxide	AA
R9163	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R9164	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9165	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9169	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R9170	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R9171	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9172	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9173	VRS-TV1JD470J	J	47 1/16W Metal Oxide	AA
R9174	VRS-TV1JD470J	J	47 1/16W Metal Oxide	AA
R9175	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9176	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9177	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9178	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R9179	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R9180	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R9181	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9182	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9183	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9184	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9185	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9186	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9187	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9188	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9189	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9190	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9191	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9192	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9194	VRS-TV1JD471F	J	470 1/16W Metal Oxide	AA
R9195	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9196	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9197	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9198	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9199	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R9200	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9201	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9202	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9204	VRS-CY1JF103F	J	10k 1/16W Metal Oxide	AA
R9205	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9207	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9208	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R9209	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R9210	VRN-CY1JF562D	J	5.6k 1/16W Metal Film	AB
R9211	VRS-TV1JD750F	J	75 1/16W Metal Oxide	AA
R9215	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9220	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R9230	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9231	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9235	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9236	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R9238	VRS-CB1JF330J	J	33 1/16W Metal Oxide	AC
R9239	VRS-CB1JF330J	J	33 1/16W Metal Oxide	AC
R9240	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R9241	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA

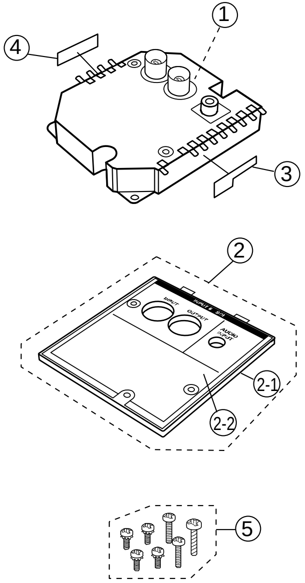
MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB9100	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB9101	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB9102	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB9103	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9104	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9105	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9106	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9107	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9108	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9109	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9110	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9111	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9113	RBLN-0030TAZZ	J	Ferrite Bead	AB
FB9114	RBLN-0030TAZZ	J	Ferrite Bead	AB
FB9115	RBLN-0030TAZZ	J	Ferrite Bead	AB
FB9116	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9117	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9118	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9119	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9120	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9121	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9122	RBLN-0030TAZZ	J	Ferrite Bead	AB
FB9123	RBLN-0030TAZZ	J	Ferrite Bead	AB
J9100	QJAKJ0008GEZZ	J	Jack Audio IN	AD
J9101	QTANZ0217CEZZ	J	SDI IN/OUT	AM
P602	QCNCW4021CEZZ	J	Plug, 40-pin	AL
	PSLDM4621CEFW	J	Shield	AM
	QEARB0038CEFW	J	Earth	AG
	QEARP0091CEFN	J	Earth Plate	AE
	QEARP0110CEFW	J	Earth Plate	AM
	XBPSD30P04J00	J	Screw	AA
	XBPSD26P04000	J	Screw, x3	AA

AN-SD1U

Ref. No.	Part No.	★	Description	Code
1	DUNTKA198DE01	–	SDI Unit	—
2	CCOVA1892CE01	J	Terminal Cover Ass’y	AU
2-1	*Not Available*	–	Terminal Cover	—
2-2	HiNDP5563CESA	J	Indication Plate	
3	TLABM4218CEZZ	J	Model Label	AD
4	TLABN0239CEZZ	J	No. Label	AC
5	LX-BZ3430CE01	J	Screws	AF

Included Items



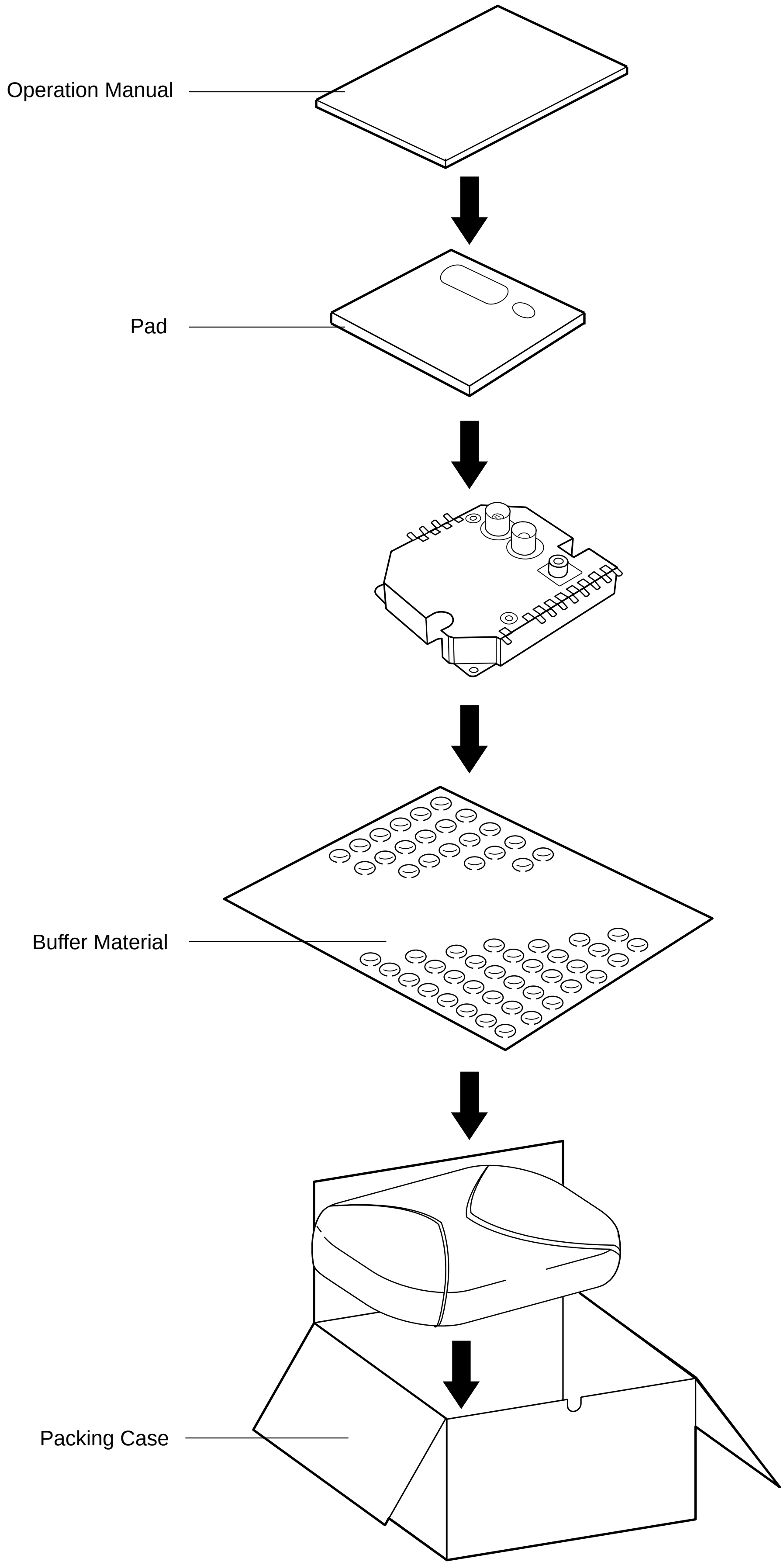
SUPPLIED ACCESSORIES

Ref. No.	Part No.	★	Description	Code
	TiNS-7044CEZZ	J	Operation Manual	AG

PACKING PARTS
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	SPAKC5288CEZZ	–	Packing Case	—
	SPAKP0895CEZZ	–	Buffer Material	—
	SPAKP0886CEZZ	–	Pad	—

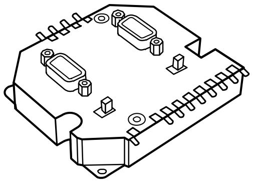
PACKING OF THE SET

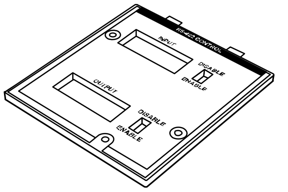

Operation Manual
Pad
Buffer Material
Packing Case

AN-S422U

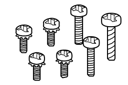
RS-422 BOARD

Included Items

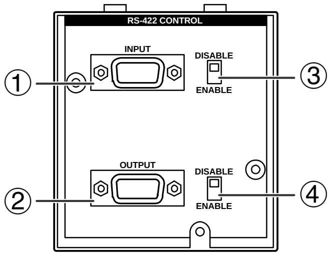

1 RS-422 BOARD



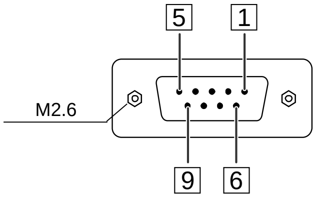
1 Plotter


7 Screws

Part Names



Connecting Pin Assignments



ENGLISH

Warning:

RS-422 Board installation/uninstallation must be performed by authorized service personnel only.

Warning
This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

The AN-S422 RS-422 board can be installed in an expansion slot on a Sharp projector to control the projector by RS-422 interface. Before installing and using this board, be sure to thoroughly read the operation manuals accompanying the projector and Sharp Advanced Presentation Software.

Part Names

① **RS-422 INPUT terminal**
Connects to the RS-422 OUTPUT terminal on another Sharp projector or the RS-422 terminal on a PC.

② **RS-422 OUTPUT terminal**
Connects to the RS-422 INPUT terminal on another Sharp projector to daisy chain several projectors in a network.

③ **INPUT ENABLE/DISABLE switch**
Set this switch to ENABLE when using the RS-422 INPUT terminal on this board. Set this switch to DISABLE when using the RS-232C INPUT terminal on the projector.

④ **OUTPUT ENABLE/DISABLE switch**
Set this switch to ENABLE when using the RS-422 OUTPUT terminal on this board. Set this switch to DISABLE when using the RS-232C OUTPUT terminal on the projector.

NOTE

- When connecting to the RS-422 terminal, use a low impedance cable that matches the connecting pin assignments below.
- Use the tip of a ballpoint pen or similar object to carefully slide the ENABLE/DISABLE switch to the desired position.

RS-422 Board Switch		Control Signal	
INPUT	OUTPUT	INPUT	OUTPUT
Enable	Enable	RS-422	RS-422
Enable	Disable	RS-422	RS-232C
Disable	Enable	RS-232C	RS-422
Disable	Disable	RS-232C	RS-232C

Connecting Pin Assignments

D-sub 9-pin (female)

1	NC	No Connection
2	TXD–	Transmitted Data (–)
3	TXD+	Transmitted Data (+)
4	RTS–	Request To Send (–)
5	RTS+	Request To Send (+)
6	RXD–	Received Data (–)
7	RXD+	Received Data (+)
8	CTS–	Clear To Send (–)
9	CTS+	Clear To Send (+)

Major Specifications

INTERFACE
Standard: Conforms to EIA-422-B
Max. transmission speed: 115.2 kbps*
Max. transmission range: 4,000 ft. (Approx. 1.2 km)*
Receiver input impedance: 100 Ω
* Varies depending on the operating environment or the type of cable used.

Checking the Status of the RS-422 Board

1. When the RS-422 board is installed, select "Options" from the menu screen. "RS-422 Board" will appear for the Option Board setting.
2. Select "RS-422 Board" and the RS-422 board status will be displayed.

NOTE

- See the operation manual of your Sharp projector for details.

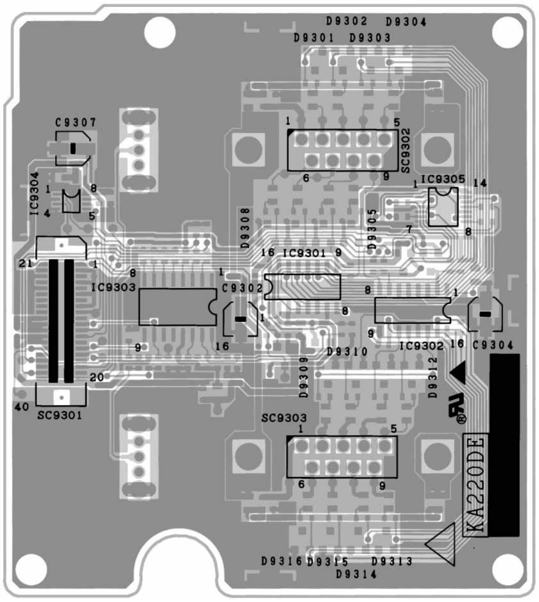
PRINTED WIRING BOARD ASSEMBLIES

H

G

F

E

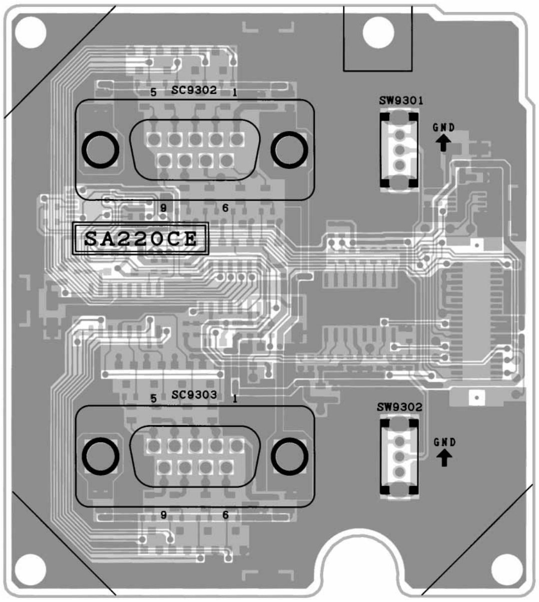

D9302 D9304
D9301 D9303
C9307
IC9304
SC9302
IC9305
D9308
D9305
IC9301
IC9303
C9302
IC9302
C9304
D9310
D9309
D9312
SC9301
SC9303
KA220DE
D9316 D9315 D9313
D9314

RS-422 Unit (Wiring Side)

D

C

B

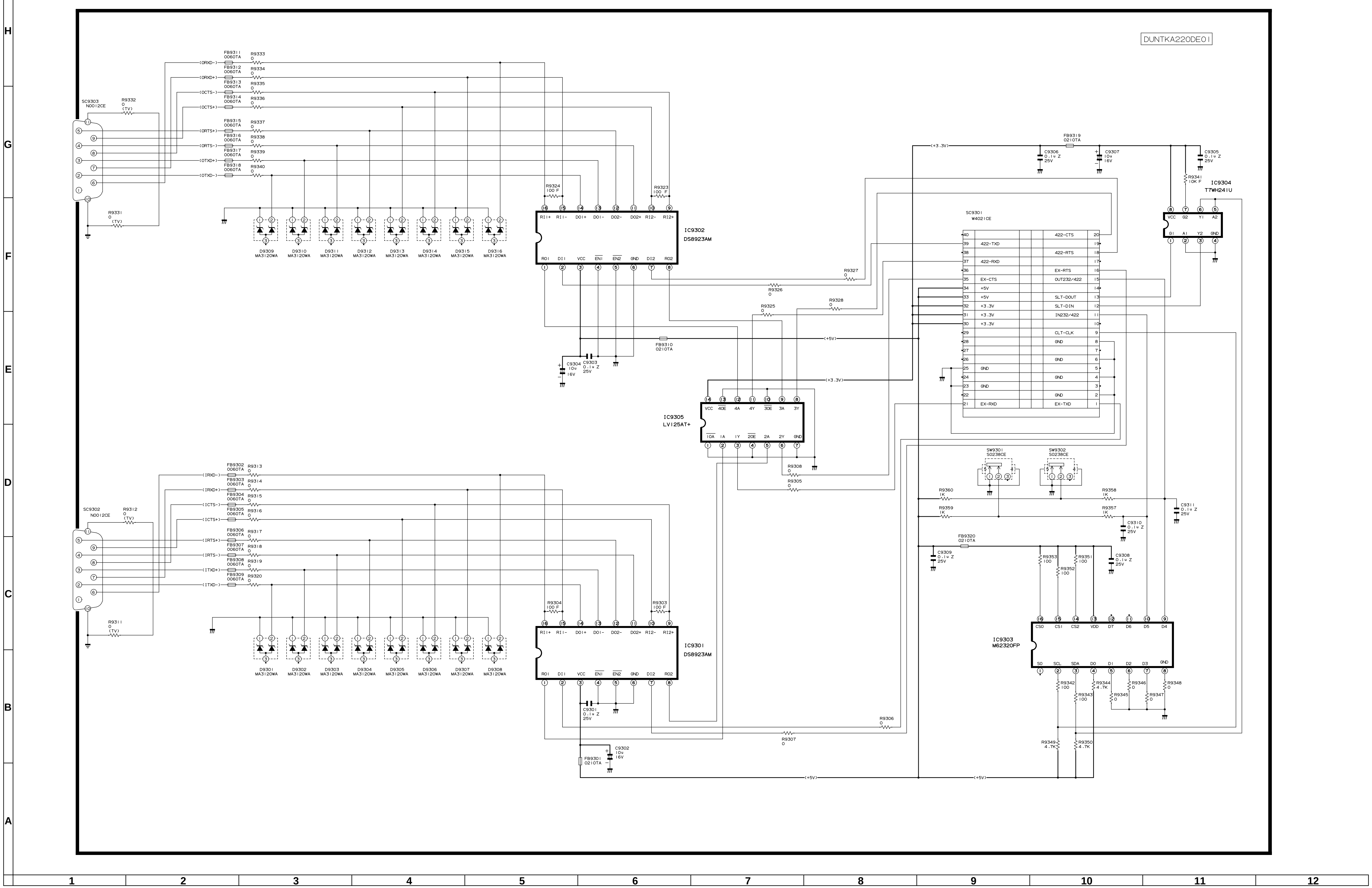

SC9302
SW9301
GND
SA220CE
SC9303
SW9302
GND

RS-422 Unit (Component Side)

A

1	2	3	4	5	6

■ RS-422 UNIT


DUNTKA220DE01
SC9303 N0012CE
SC9302 N0012CE
R9332 0 (TV)
R9331 0 (TV)
R9312 0 (TV)
R9311 0 (TV)
(ORXD-)
(ORXD+)
(OCTS-)
(OCTS+)
(ORTS+)
(ORTS-)
(OTXD+)
(OTXD-)
(IRXD-)
(IRXD+)
(ICTS-)
(ICTS+)
(IRTS+)
(IRTS-)
(ITXD+)
(ITXD-)
FB9311 0060TA
FB9312 0060TA
FB9313 0060TA
FB9314 0060TA
FB9315 0060TA
FB9316 0060TA
FB9317 0060TA
FB9318 0060TA
FB9302 0060TA
FB9303 0060TA
FB9304 0060TA
FB9305 0060TA
FB9306 0060TA
FB9307 0060TA
FB9308 0060TA
FB9309 0060TA
R9333 0
R9334 0
R9335 0
R9336 0
R9337 0
R9338 0
R9339 0
R9340 0
R9313 0
R9314 0
R9315 0
R9316 0
R9317 0
R9318 0
R9319 0
R9320 0
D9309 MA3120WA
D9310 MA3120WA
D9311 MA3120WA
D9312 MA3120WA
D9313 MA3120WA
D9314 MA3120WA
D9315 MA3120WA
D9316 MA3120WA
D9301 MA3120WA
D9302 MA3120WA
D9303 MA3120WA
D9304 MA3120WA
D9305 MA3120WA
D9306 MA3120WA
D9307 MA3120WA
D9308 MA3120WA
R9324 100 F
R9323 100 F
R9304 100 F
R9303 100 F
IC9302 DS8923AM
IC9301 DS8923AM
RI1+ RI1- DO1+ DO1- DO2- DO2+ RI2- RI2+
RO1 DI1 VCC EN1 EN2 GND DI2 RO2
C9304 10u 16V
C9303 0.1u Z 25V
C9301 0.1u Z 25V
C9302 10u 16V
FB9310 0210TA
FB9301 0210TA
(+5V)
(+3.3V)
R9327 0
R9326 0
R9325 0
R9328 0
R9308 0
R9305 0
R9306 0
R9307 0
IC9305 LV125AT+
VCC 4OE 4A 4Y 3OE 3A 3Y
1OA 1A 1Y 2OE 2A 2Y GND
SC9301 W4021CE
422-TXD
422-RXD
EX-CTS
+5V
+3.3V
GND
EX-RXD
422-CTS
422-RTS
EX-RTS
OUT232/422
SLT-DOUT
SLT-DIN
IN232/422
CLT-CLK
EX-TXD
FB9319 0210TA
C9306 0.1u Z 25V
C9307 10u 16V
C9305 0.1u Z 25V
R9341 10K F
IC9304 TTWH241U
VCC G2 Y1 A2
G1 A1 Y2 GND
SW9301 S0238CE
SW9302 S0238CE
R9360 1K
R9359 1K
R9358 1K
R9357 1K
C9311 0.1u Z 25V
C9310 0.1u Z 25V
FB9320 0210TA
C9309 0.1u Z 25V
C9308 0.1u Z 25V
R9353 100
R9352 100
R9351 100
IC9303 M62320FP
CS0 CS1 CS2 VDD D7 D6 D5 D4
S0 SCL SDA D0 D1 D2 D3 GND
R9342 100
R9343 100
R9344 4.7K
R9345 0
R9346 0
R9347 0
R9348 0
R9349 4.7K
R9350 4.7K
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12

PARTS LIST

PARTS REPLACEMENT

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Les pieces marquées "⚠" sont importantes pour maintenir la sécurité de l'appareil. Ne remplacer ces pieces que par des pieces dont le numéro est spécifié pour maintenir la sécurité et protéger le bon fonctionnement de l'appareil.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

★ MARK: SPARE PARTS-DELIVERY SECTION

DUNTKA220DE01

RS-422 UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC9301	VHiDS8923AM-1	J	DS8923AM	AQ
IC9302	VHiDS8923AM-1	J	DS8923AM	AQ
IC9303	VHiM62320FP-1	J	M62320FP	AK
IC9304	VHiT7WH241U-1	J	TC7WH241FU	AF
IC9305	VHiLV125AT+-1	J	SN74LV125APWR	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D9301	VHDMA3120WA-1	J	Diode	AK
D9302	VHDMA3120WA-1	J	Diode	AK
D9303	VHDMA3120WA-1	J	Diode	AK
D9304	VHDMA3120WA-1	J	Diode	AK
D9305	VHDMA3120WA-1	J	Diode	AK
D9306	VHDMA3120WA-1	J	Diode	AK
D9307	VHDMA3120WA-1	J	Diode	AK
D9308	VHDMA3120WA-1	J	Diode	AK
D9309	VHDMA3120WA-1	J	Diode	AK
D9310	VHDMA3120WA-1	J	Diode	AK
D9311	VHDMA3120WA-1	J	Diode	AK
D9312	VHDMA3120WA-1	J	Diode	AK
D9313	VHDMA3120WA-1	J	Diode	AK
D9314	VHDMA3120WA-1	J	Diode	AK
D9315	VHDMA3120WA-1	J	Diode	AK
D9316	VHDMA3120WA-1	J	Diode	AK

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C9301	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9302	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9303	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9304	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9305	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9306	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9307	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C9308	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9309	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9310	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C9311	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R9303	VRS-CY1JF101F	J	100 1/16W Metal Oxide	AA
R9304	VRS-CY1JF101F	J	100 1/16W Metal Oxide	AA
R9305	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9306	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9307	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9308	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9311	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9312	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9313	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9314	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9315	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9316	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9317	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9318	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9319	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9320	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9323	VRS-CY1JF101F	J	100 1/16W Metal Oxide	AA
R9324	VRS-CY1JF101F	J	100 1/16W Metal Oxide	AA
R9325	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9326	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9327	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9328	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9331	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9332	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R9333	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9334	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9335	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9336	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9337	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9338	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9339	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9340	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9341	VRS-CY1JF103F	J	10k 1/16W Metal Oxide	AA
R9342	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9343	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9344	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R9345	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9346	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9347	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9348	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R9349	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R9350	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R9351	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9352	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9353	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R9357	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R9358	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R9359	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R9360	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA

SWITCHES

Ref. No.	Part No.	★	Description	Code
SW9301	QSW-S0238CEZZ	J	Slide Switch	AF
SW9302	QSW-S0238CEZZ	J	Slide Switch	AF

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB9301	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9302	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9303	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9304	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9305	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9306	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9307	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9308	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9309	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9310	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9311	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9312	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9313	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9314	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9315	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9316	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9317	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB9318	RBLN-0060TAZZ	J	Ferrite Bead	AB

Ref. No.	Part No.	★	Description	Code

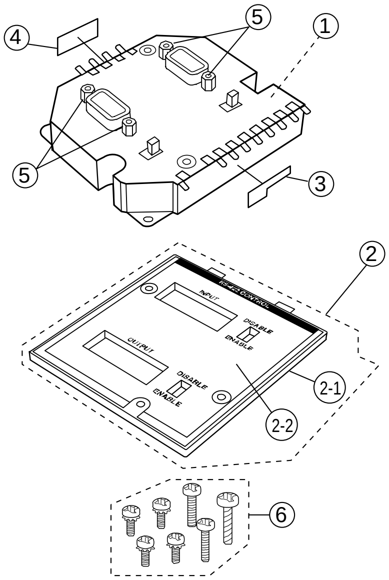
DUNTKA220DE01
RS-422 UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
FB9319	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB9320	RBLN-0210TAZZ	J	Ferrite Bead	AB
SC9301	QCNCW4021CEZZ	J	Socket, 40-pin	AL
SC9302	QSOCN0012CEZZ	J	Socket, 9-pin	AL
SC9303	QSOCN0012CEZZ	J	Socket, 9-pin	AL
	PSLDM4622CEFW	J	Shield	AM
	QEARP0111CEFW	J	Earth	AM
	XBPSD26P04J00	J	Screw	AA
	XBPSD26P04000	J	Screw, x3	AA

AN-S422U

Ref. No.	Part No.	★	Description	Code
1	DUNTKA220DE01	–	RS-422 Unit	—
2	CCOVA1893CE01	J	Terminal Cover Ass'y	AU
2-1	*Not Available*	–	Terminal Cover	—
2-2	HiNDP5564CESA	J	Indication Plate	AF
3	TLABM4219CEZZ	J	Model Label	AF
4	TLABN0241CEZZ	J	No. Label	AD
5	NSFTZ0166CEFW	J	Shaft	AC
6	LX-BZ3430CE01	J	Screws	AF

Included Items


4
5
1
5
3
2
RS-422 CONTROL
INPUT
DISABLE
ENABLE
OUTPUT
DISABLE
ENABLE
2-1
2-2
6

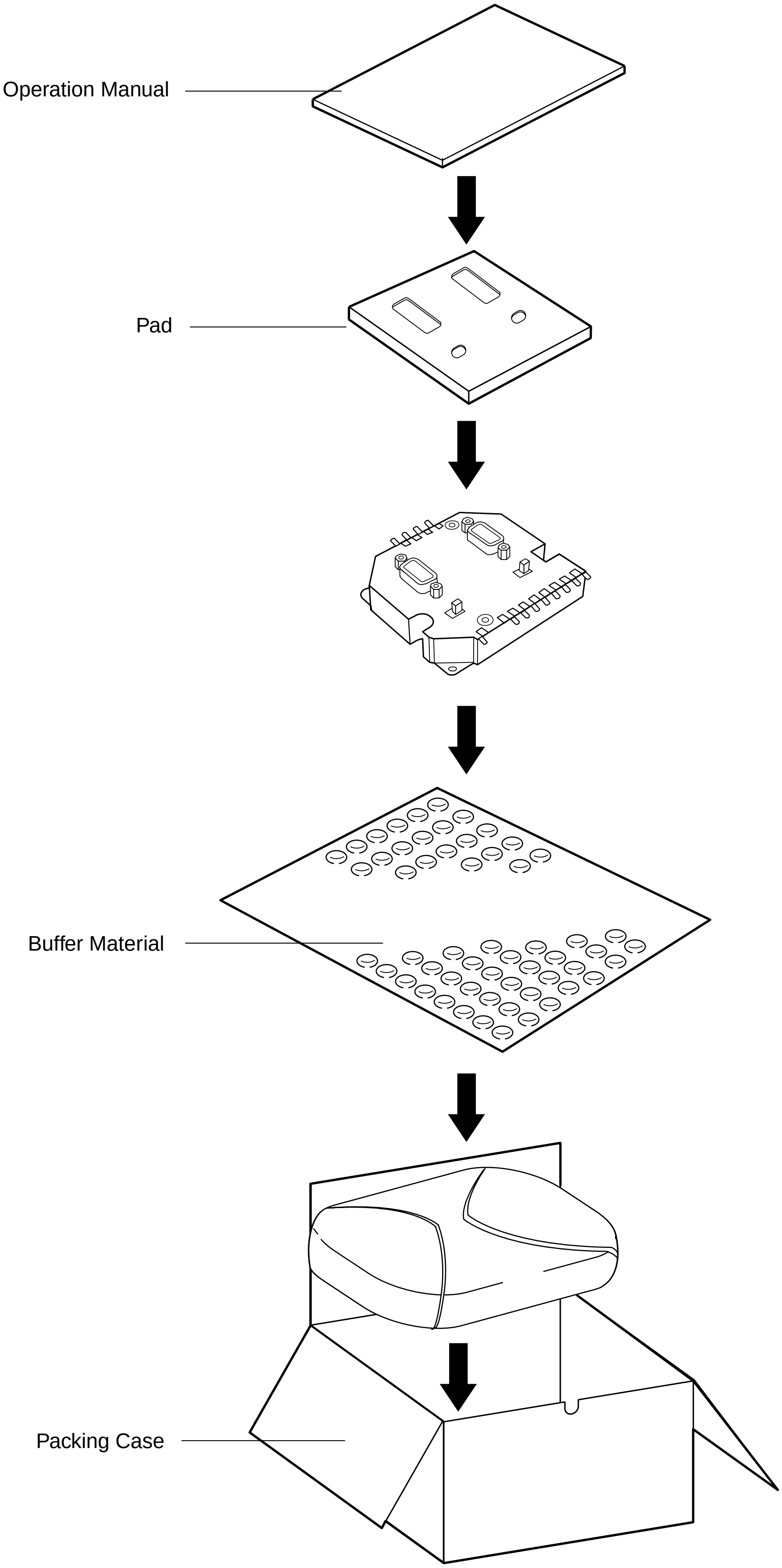
SUPPLIED ACCESSORIES

	TGAN-1598CEZZ	J	Guarranty for USA	AD
	TGAN-1599CEZZ	J	Guarranty for CANADA	AE
	TiNS-7091CEZZ	J	Operation Manual	AG

PACKING PARTS
(NOT REPLACEMENT ITEM)

	SPAKC5289CEZZ	–	Packing Case	—
	SPAKP0895CEZZ	–	Buffer Material	—
	SPAKP0887CEZZ	–	Pad	—

PACKING OF THE SET


Operation Manual
Pad
Buffer Material
Packing Case

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